



Five Year Capital Improvement Program 2021 Update



CITY OF KENT, OHIO

FIVE YEAR CAPITAL IMPROVEMENT PLAN

Updated October 2021

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.

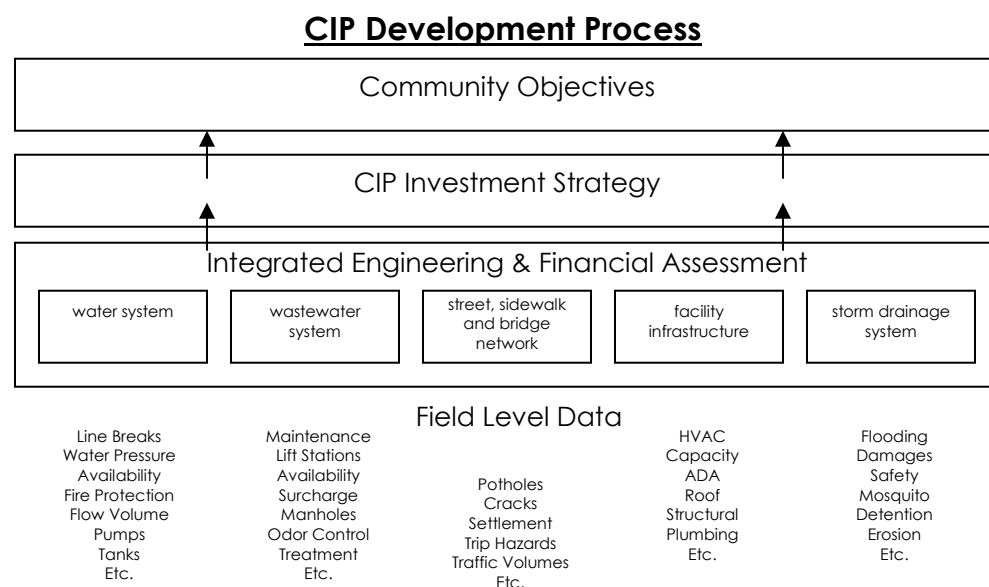
The matter of how the bill gets paid takes infrastructure into the realm of investment strategies with questions like: How valuable is the asset? How important is preservation of asset equity? What return on equity is expected? What is the risk tolerance for infrastructure failure? The answers to these 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 investment grade infrastructure.



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

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

Collaborative Capital Planning

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

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

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

Framework for Investment

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

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

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

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

Principle Based Programming

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

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

Capital Improvement Financing

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

At present, the City does not possess sufficient financial resources to 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 2022 through 2026 represents the Administration’s recommendation for the City’s 5-Year Capital Improvement Program.

Proposed 2022 Capital Program Summary

- The proposed 2022 capital program includes 8 funded projects.
- The total proposed capital program costs (including debt costs) for 2022 is \$10,226,220.
- \$4,268,200 of the \$10,226,220 (or 41.7%) in 2022 is grant or debt funded.
- The approved 2020 Capital Plan listed a total City cash contribution at 38% for 2021 and the updated 2021 Plan update includes a 40% total City cash contribution for 2021.
- The proposed new general government City cash contribution (income tax) for 2022 is \$3,727,520.
- The estimated Charter requirement for 2022 is \$3,699,933.
- The proposed 2022 general government cash contribution is projected to be \$27,587 above the Charter requirement.
- The proposed 2022 debt (debt service, principle, interest) is \$596,333 (up from \$453,908 in 2021).
- The City’s legal debt margin (10.5% of assessed value) is approximately \$27.4 million.
- The undesignated fund balance increased by \$2,301,274 in 2019 to \$14.02 million.
- The undesignated fund balance increased by \$4,606,935 in 2020 to \$18.63 million.
- The undesignated fund balance is projected to decline by \$3,112,980 in 2021 to \$15.52 million.
- The undesignated fund balance is projected to decline by \$2,690,097 in 2022 to \$12.86 million.
- The managed reserve fund balance (emergency fund) is projected to be \$2.4 million in 2022.
- The amended 2011 Rate Stabilization Plan (water and sewer) included a 3% rate increase for 2022.

2022 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
 - East Main Street Improvement Project
 - Main/South Water Resurfacing
 - Annual Downtown Redevelopment Loan Debt Service
 - Alley 8 Parking Lot Improvements

- **Natural Resources***"to protect and promote the City's natural resources"*
 - Majors/Stinaff/Cuyahoga Water Line Replacement
 - Sanitary Sewer Planning Model Update
 - Summit Street Waterline Relocation
 - Tallmadge Avenue Storm Sewer Replacement
 - Lead Service Replacement Project
 - SR261 Storm Outlet Replacement
 - Water Reclamation Final Clarifiers Rehab
 - Influent Headworks Building 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*
 - Tallmadge Avenue Storm Sewer Replacement
 - Majors/Stinaff/Cuyahoga Water Line Replacement
 - Portage Hike and Bike Trail Project (Main Street to Stow Street)

- **Community Safety***"to be an exceptionally safe city"*
 - Police Body Cameras Project
 - Dispatch Communication Upgrades
 - Annual Streets & Sidewalk Repair and Replacement*
 - School Signs & Markings on Depeyster
 - Fire Safety and Prevention Equipment Replacement (turnout gear, air packs)
 - Police Safety Equipment and Vehicle Replacements (unmarked cruiser, safety vests)
 - Replace/Refurbish 2012 Fire Med Unit
 - Replace Police Unmarked Vehicle
 - East Main Street Area Improvements Project
 - Minor Bike and Pedestrian Improvement Projects
 - Sunrise Bridge Rehabilitation
 - Summit @ Franklin Intersection Study

- **Communities within the City***"to strengthen the quality and enhance the value of neighborhoods"*
 - SR261, SR59, SR43 Corridor Improvement Studies
 - 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
 - Antivirus System Replacement
 - Central Maintenance Equipment and Vehicle Replacements

*sidewalk and street repair program funds of \$3.3 million allocated for 2022

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.

2021 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	1992CIP013	Summit Street Traffic Signal Coordination	\$ -	\$ 57,600	\$ -	\$ 57,600	\$ -	\$ -	\$ -	\$ 57,600	\$ 28,800	\$ -	\$ -	\$ -	\$ 28,800	\$ 28,800	KSU Reimbursement
2	2008CIP012	SW Sanitary Pump Station	-	-	-	-	-	2,524,651	-	2,524,651	-	-	2,400,000	-	2,400,000	124,651	OEPA Loans required to fund project
3	2011CIP007	Miller/Harvey/Steele Storm and Water Replacement	-	22,000	-	22,000	66,000	-	132,000	220,000	11,000	33,000	-	66,000	110,000	110,000	
4	2011WRF010	Digester Heat Exchangers	-	-	-	-	-	15,131	-	15,131	-	-	-	-	-	15,131	Postponed till 2022
5	2013DSR001	Issue II Loan - Downtown Erie-Depeyster	-	-	19,775	19,775	-	-	-	19,775	-	-	-	-	-	19,775	
6	2015CIP004	Majors/Stinaff/Cuyahoga Waterline Replacement	-	10,000	-	10,000	25,000	-	-	35,000	-	-	-	-	-	35,000	Project delayed because we were unsuccessful in obtaining OPWC Funds
7	2015CMD009	Stump Grinder	-	55,000	-	55,000	-	-	-	55,000	-	-	-	-	-	55,000	
8	2016ADM001	New Admin. Building	-	9,130,000	-	9,130,000	-	-	-	9,130,000	9,130,000	-	-	-	9,130,000	-	Prior appropriations will be unappropriated before year end.
9	2016KFD007	West Side Fire Station Expansion/Renovation	648,825	-	-	648,825	-	-	-	648,825	-	-	-	-	-	648,825	
10	2016PR004	Portage H&B Trail - Brady's Leap Segment	-	460,000	-	460,000	-	-	-	460,000	-	-	-	-	-	460,000	\$340,000 to be reimbursed by Parks & Recreation
11	2017CIP007	Storm Water Rate Analysis	-	-	-	-	-	-	75,900	75,900	-	-	-	-	-	75,900	
12	2017ENG003	Engineering Vehicle Replacement	-	10,000	-	10,000	10,000	10,000	10,000	40,000	-	-	-	-	-	40,000	
13	2017WTP004	Paint KSU 400,000 Ground including Lead Abatement	-	-	-	-	470,900	-	-	470,900	-	235,450	-	-	235,450	235,450	
14	2018CIP009	North Water Street Improvements	-	75,200	-	75,200	3,000	-	-	78,200	1,400	-	-	-	1,400	76,800	HSP Funded
15	2018CIP012	Sanitary Sewer Televising	-	-	-	-	-	1,400	-	1,400	-	-	-	-	-	1,400	
16	2018CIP014	Utility Mapping Update	-	-	-	-	7,500	7,500	7,500	22,500	-	-	-	-	-	22,500	
17	2018CMD007	Street Sweeper	-	185,000	-	185,000	-	-	90,000	275,000	-	-	-	-	-	275,000	
18	2018CMD011	Hoe / Excavator	-	100,000	-	100,000	50,000	50,000	50,000	250,000	-	-	-	-	-	250,000	From 2020
19	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
20	2019CIP003	Pilot Sidewalk Programs	-	27,890	-	27,890	-	-	-	27,890	-	-	-	-	-	27,890	
21	2019CIP004	East Main Street Area Improvements	-	357,296	-	357,296	-	-	-	357,296	339,431	-	-	-	339,431	17,865	HSP Funded (90%) KSU Reimbursed (5%)
22	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,350	12,350	-	-	-	12,350	-	-	-	-	-	12,350	
23	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
24	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
25	2019KPD007	Unmarked DB cars (2)	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
26	2019KSS001	IT System Build-out	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
27	2019KSS003	Host Server for Virtual Server	-	15,000	-	15,000	-	-	-	15,000	-	-	-	-	-	15,000	
28	2019KSS004	Windows 10 Upgrades	-	80,000	-	80,000	-	-	-	80,000	-	-	-	-	-	80,000	
29	2019KSS005	Backup Firewall	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	
30	2019WRF005	Emergency Rehabilitation of #2 Primary Clarifier	-	-	-	-	-	25,576	-	25,576	-	-	-	-	-	25,576	
31	2020CIP008	Franklin/Erie Street Curb Extension	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
32	2020CIP009	North Mantua Street Access Study	-	1,550	-	1,550	-	-	-	1,550	-	-	-	-	-	1,550	
33	2020CIP010	ADA Transition Plan	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
34	2020CMD002	Pickup Trucks (2)	-	18,000	-	18,000	18,000	18,000	18,000	72,000	-	-	-	-	-	72,000	

2021 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
35	2020CMD004	One Ton Dump Truck	-	80,000	-	80,000	-	-	-	80,000	-	-	-	-	-	80,000	
36	2020KSS002	Virtualization Software Licensing	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	
37	2020KVM001	Pickup Truck	-	20,000	-	20,000	5,000	5,000	-	30,000	-	-	-	-	-	30,000	
38	2020WRF005	Electrical Replacement	-	-	-	-	-	15,000	-	15,000	-	-	-	-	-	15,000	
39	2020WRF009	Install Post Aeration Back-up Aerator System	-	-	-	-	-	45,000	-	45,000	-	-	-	-	-	45,000	
40	2020WRF012	Replace Two Return Pumps	-	-	-	-	-	38,824	-	38,824	-	-	38,824	-	38,824	-	NOPEC Funded
41	2020WTP001	Miscellaneous Equipment	-	-	-	-	17,360	-	-	17,360	-	-	-	-	-	17,360	
42	2021BF001	Postage Machine	-	12,000	-	12,000	-	-	-	12,000	-	-	-	-	-	12,000	
43	2021CIP001	Annual Sidewalk/Street Program - Construction	-	2,245,000	-	2,245,000	-	-	40,000	2,285,000	370,000	-	-	-	370,000	1,915,000	\$370k received for Harris St from OPWC
44	2021CIP002	Sidewalk Street Tree Damage Repairs	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
45	2021CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
46	2021CIP006	East Main Pedestrian Lighting	-	100,000	-	100,000	-	-	-	100,000	-	-	-	-	-	100,000	
47	2021CIP007	Storm Sewer Design Standards Update	-	-	-	-	-	-	40,000	40,000	-	-	-	-	-	40,000	
48	2021CIP009	Walnut Street - Phase 1	-	202,000	-	202,000	98,700	-	77,500	378,200	-	-	-	-	-	378,200	Remaining Balance Funded by CDBG
49	2021CIP010	Mogadore Tank Study	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
50	2021CIP011	Gouglar/River Safety Study	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
51	2021CIP012	2021 Engineering Specifications Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
52	2021CIP013	2021 Engineering Standard Construction Drawing Update	-	15,255	-	15,255	15,255	15,255	15,255	61,020	-	-	-	-	-	61,020	
53	2021CIP014	Active Transportation Acquisition	-	75,000	-	75,000	-	-	-	75,000	-	-	-	-	-	75,000	
54	2021CIP015	Portage H&B Trail Planning Study (Tannery to Main Street)	-	25,000	-	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
55	2021CIP016	Sunrise Bridge Rehabilitation	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
56	2021CIP017	East Main Storm Lining	-	-	-	-	-	-	100,000	100,000	-	-	-	-	-	100,000	
57	2021CIP018	West Main Street Sidepath	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	In conjunction with private development
58	2021CIP019	College/Franklin Parking Lot Improvements	-	300,000	-	300,000	-	-	-	300,000	-	-	-	-	-	300,000	
59	2021CMD001	CM, Misc. Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
60	2021CMD004	Leaf Collector Truck, Chassie Only	-	80,000	-	80,000	-	-	-	80,000	-	-	-	-	-	80,000	
61	2021KSS004	CivicClerk Program	-	16,500	-	16,500	-	-	-	16,500	-	-	-	-	-	16,500	
62	2021KSS005	Fire Station 1 - IT Upgrades for Council Meetings	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	
63	2021KFD001	Fire Miscellaneous Equipment	30,000	-	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
64	2021KFD002	Fire Vehicle Replacement Fund	300,000	-	-	300,000	-	-	-	300,000	-	-	-	-	-	300,000	
65	2021KFD004	Fire Turnout Gear Replacement	32,000	-	-	32,000	-	-	-	32,000	-	-	-	-	-	32,000	Replace 12 sets each year for 3 years, beginning in 2019
66	2021KPD001	Police Miscellaneous Equipment	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
67	2021KPD004	Acquistion and Training of K-9 Team	-	15,000	-	15,000	-	-	-	15,000	-	-	-	-	-	15,000	
68	2021KPD006	Taser Assurance (Replacement) Program	-	3,570	-	3,570	-	-	-	3,570	-	-	-	-	-	3,570	

2021 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Project Completed
2	2011WRF010	Digester Heat Exchangers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
3	2013DSR001	Issue II Loan - Downtown Erie-Depeyster	-	-	19,775	19,775	-	-	-	19,775	-	-	-	-	-	19,775	
4	2014WRF004	Motor Control Center Replacements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$83,700 Funded through ARPA
5	2015CIP004	Majors/Stinaff/Cuyahoga Waterline Replacement	-	-	-	-	915,000	-	100,000	1,015,000	-	355,000	-	40,000	395,000	620,000	OPWC Funded (\$245k Grant/\$150k Loan)
6	2015WTP008	WTP, Paint KSU 500,000 Gallon Elevated Water Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
7	2018CIP012	Sanitary Sewer Televising	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed for higher priorities
8	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
9	2019CIP004	East Main Street Area Improvements	-	1,500,000	-	1,500,000	-	-	-	1,500,000	1,425,000	-	-	-	1,425,000	75,000	Includes anticipated HSP Funding (90%) & KSU Funding (10%)
10	2019CMD004	Vehicle GPS System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
11	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,350	12,350	-	-	-	12,350	-	-	-	-	-	12,350	
12	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
13	2019KPD008	Gas Mask Replacement Project	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
14	2019KSS002	AntiVirus System Replacement	-	15,000	-	15,000	-	-	-	15,000	-	-	-	-	-	15,000	
15	2020CIP006	North-South Sewer Planning Study	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
16	2020CMD003	Salt Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
17	2020WRF008	Installation of Generator into Pretreatment Area	-	-	-	-	-	30,000	-	30,000	-	-	-	-	-	30,000	
18	2021CIP008	Dodge Street Sewer Lining	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
19	2021CIP016	Sunrise Bridge Rehabilitation	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
20	2021CMD003	Fork Lift	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
21	2021CMD008	Brush Chipper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
22	2021CMD009	Paver	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
23	2021CMD012	Snowplow	-	215,000	-	215,000	-	-	-	215,000	-	-	-	-	-	215,000	
24	2021DSR001	City Hall Bond Issue	-	-	471,500	471,500	-	-	-	471,500	-	-	-	-	-	471,500	Appx. \$9.1 Million Bond Issue for 30 Years
25	2021KVM005	Service Truck	-	48,000	-	48,000	16,000	16,000	-	80,000	-	-	-	-	-	80,000	
26	2021WRF007	Influent Headworks Building	-	-	-	-	-	30,000	-	30,000	-	-	-	-	-	30,000	
27	2021WTP002	Lime Slacker including Installation	-	-	-	-	130,000	-	-	130,000	-	-	-	-	-	130,000	
28	2021WTP004	Replace Kenworth Dump Truck	-	-	-	-	180,000	-	-	180,000	-	-	-	-	-	180,000	
29	2022CIP001	Annual Sidewalk/Street Program - Construction	-	1,350,000	-	1,350,000	-	-	50,000	1,400,000	325,000	-	-	-	325,000	1,075,000	\$50k Set Aside for Sidewalks Outside of Street Programs
30	2022CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
31	2022CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
32	2022CIP006	ODOT - SR 43 Paving (PID # - TBD)	-	250,000	-	250,000	-	-	-	250,000	-	-	-	-	-	250,000	ODOT Urban Paving Program matching funds
33	2022CIP007	Harris Street Sanitary Sewer Lining	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
34	2022CIP008	Gougler/River Streets Improvements	-	260,000	-	260,000	-	-	-	260,000	230,000	-	-	-	230,000	30,000	Requested Highway Safety Program Funding

2021 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
			35	2022CIP009	Water Meter Study	-	-	-	-	50,000	-	-	50,000	-			-
36	2022CIP012	2022 Engineering Specifications Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
37	2022CIP013	2022 Engineering Standard Construction Drawing Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
38	2022CIP014	Sanitary Design Standards	-	-	-	-	-	25,000	-	25,000	-	-	-	-	-	25,000	
39	2022CIP003	Main Street Bridge Lighting	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
40	2022CIP015	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
41	2022CIP016	Middlebury Road - River Access Drop-off	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
42	2022CIP011	Sanitary Sewer Model Update & Recalibration	-	-	-	-	-	120,000	-	120,000	-	-	-	-	-	120,000	
43	2022CIP017	Summit/Franklin Intersection	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
44	2022CIP018	Alley 8/Alley 10/Parking Lot Improvements	-	180,000	-	180,000	-	-	-	180,000	-	-	-	-	-	180,000	
45	2022CIP019	Erie Street Parking Modification	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
46	2022CIP020	Main/S Water Resurfacing	-	1,042,000	-	1,042,000	-	-	40,000	1,082,000	799,200	-	-	-	799,200	282,800	
47	2022CIP021	Summit Street Waterline Relocation	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
48	2022CIP022	School Signs & Markings on Depeyster	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
49	2022CMD001	CM Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
50	2022CMD002	Pickup truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed for higher priorities
51	2022CMD003	Leaf Vacuum Truck	-	200,000	-	200,000	-	-	20,000	220,000	-	-	-	-	-	220,000	\$20k also to come from the Solid Waste Fund (205)
52	2022CMD005	One Ton Dump Truck	-	36,100	-	36,100	25,650	10,450	11,400	83,600	-	-	-	-	-	83,600	\$11.4k also to come from the Solid Waste Fund (205)
53	2022CMD006	Lead Service Replacements	-	-	-	-	40,000	-	-	40,000	-	-	-	-	-	40,000	
54	2022CMD010	Tallmadge Ave Storm Sewer Replacement	-	-	-	-	-	-	30,000	30,000	-	-	-	-	-	30,000	
55	2022CMD011	SR 261 Storm Outlet Investigation and Replacement	-	-	-	-	-	-	100,000	100,000	-	-	-	-	-	100,000	
56	2022KFD001	Fire Miscellaneous Equipment	45,000	-	-	45,000	-	-	-	45,000	-	-	-	-	-	45,000	
57	2022KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
58	2022KFD004	Replace or Refurbish 2012 Lifeline Med Unit	200,000	-	-	200,000	-	-	-	200,000	200,000	-	-	-	200,000	-	
59	2022KFD003	Dispatch Communication System	13,000	-	-	13,000	-	-	-	13,000	-	-	-	-	-	13,000	
60	2022KPD001	Police Miscellaneous Equipment	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
61	2022KPD003	Unmarked Replacement ('08 Impala)	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
62	2022KPD004	Fingerprint Machine Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
63	2022KPD007	Dispatch Console Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Funded by the 303 Fund
64	2022KPD008	Taser Assurance (Replacement) Program	-	3,570	-	3,570	-	-	-	3,570	-	-	-	-	-	3,570	
65	2022KPD009	Video Servers	-	16,000	-	16,000	-	-	-	16,000	-	-	-	-	-	16,000	
66	2022KSD001	Service Administration Building Remodeling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
67	2022KSD004	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
68	2022KSS001	Network Equipment Replacement	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	

2021 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	2011WRF010	Digester Heat Exchangers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,500,000	\$ -	\$ 5,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,500,000	Potential ARPA Funding
2	2013DSR001	Issue II Loan - Downtown Erie-Depeyster	-	-	19,775	19,775	-	-	-	19,775	-	-	-	-	-	19,775	
3	2014WRF004	Motor Control Center Replacements	-	-	-	-	-	650,000	-	650,000	-	-	-	-	-	650,000	Potential OPWC Funding
4	2015CIP009	Leonard / Francis Waterline Replacement	-	-	-	-	85,000	-	-	85,000	-	-	-	-	-	85,000	
5	2015WTP008	WTP, Paint 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	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
8	2019CIP004	East Main Street Area Improvements	-	1,100,000	-	1,100,000	-	-	-	1,100,000	1,045,000	-	-	-	1,045,000	55,000	
9	2019CIP009	Walnut Street - Phase 2 Reconstruction	-	175,200	-	175,200	-	-	42,100	217,300	-	-	-	-	-	217,300	Remaining balance funded by CDBG
10	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,350	12,350	-	-	-	12,350	-	-	-	-	-	12,350	
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	2020CIP006	North-South Sewer Planning Study	-	-	-	-	-	50,000	-	50,000	-	-	-	-	-	50,000	
14	2020CMD003	Salt Storage	-	305,000	-	305,000	-	-	-	305,000	-	-	-	-	-	305,000	
15	2020KSS002	Virtualization Software Licensing	-	6,000	-	6,000	-	-	-	6,000	-	-	-	-	-	6,000	
16	2021CIP004	SAC Parking Lot Replacement - Phase 1	-	133,000	-	133,000	19,000	19,000	19,000	190,000	-	-	-	-	-	190,000	
17	2021CIP004	East Main Street Pedestrian Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Postpond due to higher priorities
18	2021CIP008	Dodge Street Sewer Lining	-	-	-	-	-	100,000	-	100,000	-	-	-	-	-	100,000	
19	2021CIP020	Columbus Street Parking Lot	-	350,000	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
19	2021CMD008	Brush Chipper	-	80,000	-	80,000	-	-	-	80,000	-	-	-	-	-	80,000	
20	2021CMD009	Pavement Repair Truck	-	300,000	-	300,000	-	-	-	300,000	-	-	-	-	-	300,000	
21	2021DSR001	City Hall Bond Issue	-	-	471,000	471,000	-	-	-	471,000	-	-	-	-	-	471,000	Appx. \$9.1 Million Bond Issue for 30 Years
22	2022CIP008	Gougler/River Streets Improvements	-	75,000	-	75,000	-	-	-	75,000	67,500	-	-	-	67,500	7,500	Pursuing HSP Funding
23	2022CIP003	Main Street Bridge Lighting	-	180,000	-	180,000	-	-	-	180,000	-	-	-	-	-	180,000	
24	2022CMD003	Leaf Truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2022
25	2022CMD005	One Ton Dump Truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2022
26	2022CMD007	Roadside Mower	-	60,000	-	60,000	-	-	-	60,000	-	-	-	-	-	60,000	
27	2022CMD008	Storage Facility	-	40,000	-	40,000	20,000	20,000	20,000	100,000	-	-	-	-	-	100,000	
28	2022CMD009	Water Tank System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Project Removed
29	2022KPD004	Fingerprint Machine Replacement	-	7,500	-	7,500	-	-	-	7,500	-	-	-	-	-	7,500	
30	2022KSD001	Service Administration Building Remodeling	-	35,000	-	35,000	5,000	5,000	5,000	50,000	-	-	-	-	-	50,000	
31	2022WRF004	Aeration Basin Rehabilitation	-	-	-	-	-	58,500	-	58,500	-	-	-	-	-	58,500	
32	2022WTP003	CO2 Installation and Building	-	-	-	-	200,000	-	-	200,000	-	-	-	-	-	200,000	
33	2022WTP004	Mogadore Tank Painting and Rehabilitation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024 Potential OPWC Funding
34	2023CIP001	Annual Sidewalk/Street Program - Construction	-	1,400,000	-	1,400,000	-	-	50,000	1,450,000	-	-	-	-	-	1,450,000	\$50k Set Aside for Sidewalks Outside of Street Programs

2021 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
35	2023CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
36	2023CIP004	West Main Street Signalization Study	-	25,000	-	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
37	2023CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
37	2023CIP012	2023 Engineering Specifications Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
38	2023CIP013	2023 Engineering Standard Construction Drawing Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
39	2023CIP006	Depeyster & Erie Curb Extension	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
40	2022CIP018	Alley 8/Alley 10/Parking Lot Improvements	-	1,400,000	-	1,400,000	-	-	-	1,400,000	-	-	-	-	-	1,400,000	
41	2022CIP017	Summit/Franklin Intersection	-	100,000	-	100,000	-	-	-	100,000	-	-	-	-	-	100,000	
42	2023CIP007	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
43	2023CMD001	CM Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
44	2023CMD002	Pickup truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed for higher priorities
45	2023CMD003	Easement Machine	-	-	-	-	-	55,000	-	55,000	-	-	-	-	-	55,000	
46	2023CMD006	Water Repair Van	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
47	2023CMD004	Lead Water Service Replacement	-	-	-	-	40,000	-	-	40,000	-	-	-	-	-	40,000	
48	2023CMD007	Water Meter Van	-	-	-	-	80,000	-	-	80,000	-	-	-	-	-	80,000	
49	2023CMD007	One Ton Dump Truck	-	38,000	-	38,000	27,000	11,000	12,000	88,000	-	-	-	-	-	88,000	\$12k also to come from the Solid Waste Fund (205)
50	2023KFD001	Fire Miscellaneous Equipment	40,000	-	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
51	2023KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
52	2023KFD003	Replace F-150 Fire Prevention Pickup Truck #1866	60,000	-	-	60,000	-	-	-	60,000	60,000	-	-	-	60,000	-	
53	2023KFD004	2004 Seagrave Engine Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
54	2023KFD005	Station 1 - Garage Door Replacement (1/6)	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
55	2023KFD006	Dispatch Communications System	13,000	-	-	13,000	-	-	-	13,000	-	-	-	-	-	13,000	
56	2023KFD007	Camera's on Vehicles	45,000	-	-	45,000	-	-	-	45,000	-	-	-	-	-	45,000	
57	2023KFD008	Public Training Facility Study	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	Requires Costs to be shared by Townships
58	2023KFD009	Tanker Truck	550,000	-	-	550,000	-	-	-	550,000	550,000	-	-	-	550,000	-	
59	2023KFD010	Security Monitoring System	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
60	2023KPD001	Police Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
61	2023KPD005	Cruiser Replacements (9)	-	375,000	-	375,000	-	-	-	375,000	-	-	-	-	-	375,000	
62	2023KPD003	Gym Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
63	2023KPD004	Opticom Systems	-	6,000	-	6,000	-	-	-	6,000	-	-	-	-	-	6,000	
64	2023KPD006	Video Arraignment	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	
65	2023KSD004	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
66	2023KSS002	Virtual Server Cluster Upgrade	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
67	2023KVM001	Air Conditioner Maintenance Machine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed

2021 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	\$ -	\$ -	\$ 19,775	\$ 19,775	\$ -	\$ -	\$ -	\$ 19,775	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,775	
2	2015CIP009	Leonard / Francis Waterline Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
3	2015CIP017	Rellim, Lincoln & Bowman Area Waterline Study	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
4	2018CIP012	Sanitary Sewer Televising	-	-	-	-	-	70,000	-	70,000	-	-	-	-	-	70,000	
5	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
6	2019CIP004	East Main Street Area Improvements	-	16,400,000	-	16,400,000	-	-	-	16,400,000	15,006,000	-	-	-	15,006,000	1,394,000	Anticipated ODOT/AMATS Funding(83%) Anticipated KSU Funding (8.5%)
7	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,350	12,350	-	-	-	12,350	-	-	-	-	-	12,350	
8	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
9	2021CIP016	Sunrise Bridge Rehabilitation	-	650,000	-	650,000	-	-	-	650,000	612,297	-	-	-	612,297	37,703	Received Munciple Bridge Funding (\$612,297)
10	2021CMD003	Fork Lift	-	20,000	-	20,000	5,000	5,000	-	30,000	-	-	-	-	-	30,000	
11	2021DSR001	City Hall Bond Issue	-	-	471,000	471,000	-	-	-	471,000	-	-	-	-	-	471,000	Appx. \$9.1 Million Bond Issue for 30 Years
12	2021KFD003	Tower 1819 Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2026
13	2022CIP007	Harris Street Sanitary Sewer Lining	-	-	-	-	-	150,000	-	150,000	-	-	-	-	-	150,000	
14	2022KSD001	Service Administration Building Remodeling	-	140,000	-	140,000	20,000	20,000	20,000	200,000	-	-	-	-	-	200,000	
15	2022WRF004	Aeration Basin Rehabilitation	-	-	-	-	-	429,000	-	429,000	-	-	-	-	-	429,000	
16	2022WTP004	Mogadore Tank Painting & Rehabilitation	-	-	-	-	750,000	-	-	750,000	-	-	-	-	-	750,000	Potential OPWC Funding
17	2023CMD004	Electrical Equipment Van	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
18	2023CMD005	Snow Plow	-	225,000	-	225,000	-	-	-	225,000	-	-	-	-	-	225,000	
19	2023KVM004	Floor Repair	-	6,000	-	6,000	2,000	2,000	-	10,000	-	-	-	-	-	10,000	
20	2023WRF003	Rehabilitate #1 Primary Clarifier	-	-	-	-	-	300,000	-	300,000	-	-	-	-	-	300,000	Potential OPWC Funding
21	2024CIP001	Annual Sidewalk/Street Program - Construction	-	1,450,000	-	1,450,000	-	-	50,000	1,500,000	-	-	-	-	-	1,500,000	\$50k Set Aside for Sidewalks Outside of Street Programs
22	2024CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
23	2024CIP004	Water Meter Replacement	-	-	-	-	250,000	-	-	250,000	-	-	-	-	-	250,000	
24	2024CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
25	2024CIP012	2024 Engineering Specifications Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
26	2024CIP013	2024 Engineering Standard Construction Drawing Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
27	2024CIP006	SAC Parking Lot - Phase 2	-	147,000	-	147,000	21,000	21,000	21,000	210,000	-	-	-	-	-	210,000	
28	2024CIP007	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
29	2023CIP006	Depeyster & Erie Curb Extension	-	250,000	-	250,000	-	-	-	250,000	-	-	-	-	-	250,000	
30	2024CMD001	CM Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
31	2024CMD002	Pickup truck	-	-	-	-	16,500	16,500	-	33,000	-	-	-	-	-	33,000	
32	2024CMD003	Sewer Jet	-	220,000	-	220,000	110,000	110,000	110,000	550,000	-	-	-	-	-	550,000	
33	2024ENG001	Vehicle Replacement	-	22,000	-	22,000	6,000	6,000	6,000	40,000	-	-	-	-	-	40,000	
34	2024KFD001	Fire Miscellaneous Equipment	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	

2021 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
35	2024KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
36	2024KFD003	Station 1 - Garage Door Replacement (2/6)	65,000	-	-	65,000	-	-	-	65,000	-	-	-	-	65,000		
37	2024KFD004	Dispatch Communications System	13,000	-	-	13,000	-	-	-	13,000	-	-	-	-	13,000		
38	2024KFD005	2004 Seagrave Engine Replacement	700,000	-	-	700,000	-	-	-	700,000	700,000	-	-	700,000	-		
39	2024KFD006	Air Boat - Water Rescue	15,000	-	-	15,000	-	-	-	15,000	-	-	-	-	15,000		
40	2024KFD007	Station 1 Renovations	250,000	-	-	250,000	-	-	-	250,000	-	-	-	-	250,000		
41	2024KFD008	Tools and Equipment for new Engine	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	50,000		
42	2024KFD009	Replace Med Unit	250,000	-	-	250,000	-	-	-	250,000	250,000	-	-	250,000	-		
43	2024KPD001	Police Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	40,000		
44	2024KPD002	Parking System Tablets (Replace 2)	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2026	
45	2024KPD006	Taser Replacements (16)	-	25,000	-	25,000	-	-	-	25,000	-	-	-	-	25,000		
46	2024KSD004	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	10,000		
47	2024KSS001	Website Redesign	-	15,000	-	15,000	-	-	-	15,000	-	-	-	-	15,000		
48	2024KVM001	VM Miscellaneous Equipment	-	15,000	-	15,000	7,500	7,500	-	30,000	-	-	-	-	30,000		
49	2024WRF001	WRF, Misc. Plant Equipment	-	-	-	-	-	60,000	-	60,000	-	-	-	-	60,000		
50	2024WRF004	Press Rehabilitation	-	-	-	-	-	40,000	-	40,000	-	-	-	-	40,000		
51	2024WRF005	Effluent Area Valve Rehabilitation	-	-	-	-	-	30,000	-	30,000	-	-	-	-	30,000		
52	2024WRF006	Lab Vehicle	-	-	-	-	-	30,000	-	30,000	-	-	-	-	30,000		
53	2024WTP001	WTP, Misc. Plant Equipment	-	-	-	-	35,000	-	-	35,000	-	-	-	-	35,000		
54	2024WTP004	Replace 1-ton Dump Truck	-	-	-	-	60,000	-	-	60,000	-	-	-	-	60,000		
55	2024WTP005	Roof Repairs	-	-	-	-	50,000	-	-	50,000	-	-	-	-	50,000		
56	2024WTP007	Well Field Maintenance Agreement	-	-	-	-	100,000	-	-	100,000	-	-	-	-	100,000		
57	2025KPD002	Replace 2010 Dodge Caravan	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	20,000		
2021 CIP Program Funding Totals for 2024:			\$ 1,743,000	\$ 19,765,000	\$ 532,550	\$ 22,040,550	\$ 1,508,000	\$ 1,322,000	\$ 307,000	\$ 25,177,550	\$ 16,568,297	\$ -	\$ -	\$ -	\$ 16,568,297	\$ 8,609,253	
			Check Figures \$ 22,040,550							\$ 25,177,550					\$ 16,568,297 \$ 8,609,253		

2021 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		

Legend:

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

General Government Funds Summary Analysis		2021 for 2024
		CAP
Total Fire/EMS =	\$	1,743,000
Total Cap. Proj. =		19,765,000
Total Fire/EMS plus Cap. Proj. =	\$	21,508,000
Total Debt Service =		532,550
Total General Government =	\$	22,040,550
Total Grants for Cap. Projects and Proceeds from Note/Bond =		16,568,297
Total General Government Funds minus Grants & Note/Bond =	\$	5,472,253
Charter Target Estimate =		-
Net General Government MINUS Target =	\$	5,472,253

Total General Government Funds minus Grants & Note/Bond =	\$	5,472,253
Total Water Funds minus Grants =		1,508,000
Total Sanitary Funds minus Grants =		1,322,000
Total Storm Funds minus Grants =		307,000
Total Local Funds Cost =	\$	8,609,253

Total Water Funds =	\$	1,508,000
Total Water Grants =		-
Total Water Funds minus Grants =	\$	1,508,000
Total Sanitary Funds =	\$	1,322,000
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	1,322,000
Total Storm Funds =	\$	307,000
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	307,000

2021 CIP for Year 2026

Row No	Proj. No.	Project Name	2026 Programmed Funding*							2026 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	\$ -	\$ -	\$ 9,900	\$ 9,900	\$ -	\$ -	\$ -	\$ 9,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,900	
2	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
3	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,325	12,325	-	-	-	12,325	-	-	-	-	-	12,325	
4	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
5	2021DSR001	City Hall Bond Issue	-	-	470,000	470,000	-	-	-	470,000	-	-	-	-	-	470,000	Appx. \$9.1 Million Bond Issue for 30 Years
6	2021KFD003	Tower 1819 Replacement	1,500,000	-	-	1,500,000	-	-	-	1,500,000	1,500,000	-	-	-	1,500,000	-	Deferred Project from 2021. Seek partial additional funding from KSU due to unique service needs.
7	2022CIP004	Riverside Court Water Main	-	-	-	-	200,000	-	-	200,000	-	-	-	-	-	200,000	
8	2024CMD006	Asphalt Roller	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
9	2024KPD002	Parking System Tablets	-	9,000	-	9,000	-	-	-	9,000	-	-	-	-	-	9,000	
10	2025CMD008	Asphalt Hot Box Trailer	-	25,000	-	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
11	2025WTP002	Lime Slacker Including Installation	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
12	2025WTP003	Replace Interior Plumbing at WTP	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
13	2026CIP001	Annual Sidewalk/Street Program - Construction	-	1,500,000	-	1,500,000	-	-	50,000	1,550,000	-	-	-	-	-	1,550,000	
14	2026CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
15	2026CIP004	Sanitary Sewer Televising	-	-	-	-	-	75,000	-	75,000	-	-	-	-	-	75,000	
16	2026CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
17	2026CIP007	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
18	2026CMD001	CM Miscellaneous Equipment	-	42,000	-	42,000	-	-	-	42,000	-	-	-	-	-	42,000	
19	2026CMD002	Snow Plow	-	225,000	-	225,000	-	-	-	225,000	-	-	-	-	-	225,000	
20	2026CMD003	Excavator	-	31,250	-	31,250	31,250	31,250	31,250	125,000	-	-	-	-	-	125,000	
21	2026CMD004	Chipper	-	85,000	-	85,000	-	-	-	85,000	-	-	-	-	-	85,000	
22	2026CMD005	Pickup Truck	-	-	-	-	17,500	17,500	-	35,000	-	-	-	-	-	35,000	
23	2026CMD006	Leaf Vacuum Truck	-	275,000	-	275,000	-	-	-	275,000	-	-	-	-	-	275,000	
24	2026KFD003	Dispatch Communication System	13,000	-	-	13,000	-	-	-	13,000	-	-	-	-	-	13,000	
25	2026KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
26	2026KFD004	Explorer Car 2	55,000	-	-	55,000	-	-	-	55,000	55,000	-	-	-	55,000	-	
27	2026KFD001	Fire Chief Response Vehicle Replacement	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
28	2026KFD005	Tools & Equipment for new Ladder Tower	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
29	2026KPD001	Police Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
30	2026KPD001	Mobile Data Terminals	-	100,000	-	100,000	-	-	-	100,000	-	-	-	-	-	100,000	
31	2026KPD002	Unmarked Car Replacement	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	

2021 CIP for Year 2026

Row No	Proj. No.	Project Name	2026 Programmed Funding*							2026 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	2026KSD003	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
33	2026KVM001	VM Miscellaneous Equipment	-	15,000	-	15,000	7,500	7,500	-	30,000	-	-	-	-	-	30,000	
34	2026WRF001	WRF, Misc. Plant Equipment	-	-	-	-	-	60,000	-	60,000	-	-	-	-	-	60,000	
35	2026WTP001	WTP, Misc. Plant Equipment	-	-	-	-	35,000	-	-	35,000	-	-	-	-	-	35,000	
36	2026WTP002	Replace F-250 Pickup	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
37	2026WTP003	Wellfield Exploration/Rate Study	-	-	-	-	400,000	-	-	400,000	-	-	-	-	-	400,000	
38	2026WTP004	Wellfield Maintenance Agreement	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
39	2026WTP005	SCADA Upgrades	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
2021 CIP Program Funding Totals for 2026:			\$ 2,018,000	\$ 2,452,250	\$ 521,650	\$ 4,991,900	\$ 1,191,250	\$ 191,250	\$ 156,250	\$ 6,530,650	\$ 1,555,000	\$ -	\$ -	\$ -	\$ 1,555,000	\$ 4,975,650	
Check Figures			\$ 4,991,900				\$ 6,530,650				\$ 1,555,000				\$ 4,975,650		

Legend:

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

General Government Funds Summary Analysis		2021 for 2026
		CAP
Total Fire/EMS =		\$ 2,018,000
Total Cap. Proj. =		2,452,250
Total Fire/EMS plus Cap. Proj. =		\$ 4,470,250
Total Debt Service =		521,650
Total General Government =		\$ 4,991,900
Total Grants for Cap. Projects and Proceeds from Note/Bond =		1,555,000
Total General Government Funds minus Grants & Note/Bond =		\$ 3,436,900
Charter Target Estimate =		-
Net General Government MINUS Target =		\$ 3,436,900

Total General Government Funds minus Grants & Note/Bond =	\$ 3,436,900
Total Water Funds minus Grants =	1,191,250
Total Sanitary Funds minus Grants =	191,250
Total Storm Funds minus Grants =	156,250
Total Local Funds Cost =	\$ 4,975,650

Total Water Funds =	\$ 1,191,250
Total Water Grants =	-
Total Water Funds minus Grants =	\$ 1,191,250
Total Sanitary Funds =	\$ 191,250
Total Sanitary Grants =	-
Total Sanitary Funds minus Grants =	\$ 191,250
Total Storm Funds =	\$ 156,250
Total Storm Grants =	-
Total Storm Funds minus Grants =	\$ 156,250

**2021 CAP PLAN UPDATE
2021 - 2026 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	
			2021	2022	2023	2024	2025	2026	Total 2021 - 2026
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.	\$ 57,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 57,600
2	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.	2,524,651						2,524,651
3	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.	220,000						220,000
4	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.	35,000	1,015,000					1,050,000
5	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 Leonard and Hampton to Main Street. The purpose of this improvement is to reduce necessary maintenance, increase fire flow, improve water quality, and provide waterline interconnection.			85,000		800,000		885,000
6	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
7	2016PR004	Portage H&B Trail - Brady's Leap Segment - This project includes the construction of the Portage H&B trail from West Main Street north to the existing section trail that ends at Brady's Leap.	460,000						460,000
8	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.	9,130,000						9,130,000
9	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
10	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.	78,200						78,200
11	2018CIP012 2025CIP004 2026CIP004	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	75,000	286,400
12	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
13	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.	27,890						27,890
14	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 north of East Main Street and integrate the changes from Kent State University's Master Plan. We have received grants from ODOT and AMATS to fund the design, right-of-way acquisition and construction of the project. Kent State University is assisting in the funding the local share of this project.	357,296	1,500,000	1,100,000	16,400,000			19,357,296
15	2021CIP001 2022CIP001 2023CIP001 2024CIP001 2025CIP001 2026CIP001	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 to. 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.	2,285,000	1,400,000	1,450,000	1,500,000	1,500,000	1,550,000	9,685,000
16	2021CIP002 2022CIP002 2023CIP002 2024CIP002 2025CIP002 2026CIP002	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.	30,000	5,000	5,000	5,000	5,000	5,000	55,000
17	2021CIP005 2022CIP005 2023CIP005 2024CIP005 2025CIP005 2026CIP005	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	30,000	30,000	40,000	40,000	40,000	200,000
18	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
19	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
20	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.	1,550						1,550
21	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
22	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.	61,020	50,000	50,000	50,000			211,020
23	2021CIP004 2024CIP006	SAC Parking Lot Replacement Phase 1 & 2 - This project includes the replacement of the parking lot at the Service Administration Complex.			190,000	210,000			400,000
24	2021CIP006 2021 CIP004	East Main Street Pedestrian Lighting - This project includes the addition of pedestrian level lighting on East Main Street from Depewster Street to Willow. The lighting will improve the walkability of this corridor which will improve the use of the courthouse lot to supplement parking in downtown.	100,000						100,000
25	2021CIP007	Storm Sewer Design Standards Update - This project includes updating the City's design standards for storm related infrastructure.	40,000						40,000
26	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			100,000				100,000

**2021 CAP PLAN UPDATE
2021 - 2026 Project Descriptions**

Item #	Project #	Description	2021	2022	2023	2024	2025	2026	6-Year Total 2021 - 2026
<p align="center">The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.</p> <p align="center">CAPITAL PROJECTS</p>									
27	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.							595,500
28	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
29	2021CIP011	Gouglers/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 Gouglers Avenue). These two roadway segments are consistently ranked near the top of the City's worst crash segments.	50,000						50,000
30	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
31	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
32	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
33	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
34	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
35	2021CIP018	West Main Street Sidepath - This project includes the construction of a sidepath on West Main Street at the Klaben Lincoln 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
36	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
37	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
38	2022CIP003	Main Street Bridge Lighting - This project includes adding accent lighting to highlight the Historic Main Street Bridge over the Cuyahoga River.		20,000	180,000				200,000
39	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.					50,000	200,000	250,000
40	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 Stinoff Street to the northern City Limits		250,000					250,000
41	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
42	2022CIP008	Gouglers/River Improvements - This project includes the rehabilitation of Gouglers 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 Gouglers Avenue). These two roadway segments are consistently ranked near the top of the City's worst crash segments.		260,000	75,000		2,565,000		2,900,000
43	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
44	2022CIP011	Sanitary Sewer Model Update & Recalibration - This project includes obtaining updated flow monitoring information and updating the existing sewer model with the new data.		120,000					120,000
45	2022CIP014	Sanitary Design Standards - This project includes updating the City's design standards for sanitary sewer related infrastructure.		25,000					25,000
46	2022CIP015 2023CIP007 2024CIP007 2025CIP007 2026CIP007	Storm Sewer Televising - This project consists of televising existing storm sewers to determine their structural condition. The project will prioritize areas of likely failure locations.		75,000	75,000	75,000	75,000	75,000	375,000
47	2022CIP016	Middlebury Road - River Access Drop-off - This project includes providing a formal place where vehicles could unload/load canoes/kayaks to put in the Cuyahoga River. The drop-off would eliminate parking at the drop-off location.		50,000					50,000
48	2022CIP017	Summit/Franklin Intersection - This project's goal is to improve the functionality of the existing intersection, both for vehicles and pedestrian.		35,000	100,000				135,000
49	2022CIP018	Alley 8/Alley 10/Parking Lot Improvements - This project includes the reconstruction of Alley #8, Alley #10 and the City owned parking lot at the corner of College and Franklin		180,000	1,400,000				1,580,000
50	2022CIP019	Erie Street Parking Modification - This project would include the removal of a drive apron and adding additional on-street parking on the north side of Erie Street between Water and Depeyster. The project will be completed in conjunction with Woodsy's renovation of their parking lot that the drive apron serves.		30,000					30,000
51	2022CIP020	Main/S. Water Resurfacing - This project includes the milling and resurfacing of Main Street from Mantua Street to west of Willow Street and S Water Street from SR 59 to Main Street		1,082,000					1,082,000
52	2022CIP021	Summit Street Waterline Relocation - This project consists of relocating the City's 24" watermain on KSU property along Summit Street to make way for the expansion of the aeronautics building		50,000					50,000
53	2022CIP022	School Signs & Markings on Depeyster - This project includes upgrading the school zone signs and pavement markings on Depeyster Street in front of St. Patrick School		20,000					20,000
54	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
55	2023CIP006	Depeyster & Erie Curb Extensions - This project includes the addition of curb extensions on Depeyster Street to improve pedestrian comfort and safety at the Erie/Depeyster Intersection			35,000	250,000			285,000
56	2024CIP004	Water Meter Replacement - This project includes the replacement of water meters for the utilities large customers.				250,000			250,000
Capital Projects			\$ 16,706,207	\$ 6,347,000	\$ 5,637,300	\$ 19,750,000	\$ 5,255,000	\$ 1,945,000	\$ 55,640,507
								Check Figure:	\$ 55,640,507
BUDGET & FINANCE DEPARTMENT									
1	2021BF001	Postage machine for City	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,000
2	2023FD001	Utility Billing Software Program - New program that will better serve the utility departments needs.			162,000				162,000
Budget & Finance/City Manager			\$ 12,000	\$ -	\$ 162,000	\$ -	\$ -	\$ -	\$ 174,000
								Check Figure:	\$ 174,000
COMMUNITY DEVELOPMENT PROJECTS & EQUIPMENT									
Community Development Projects & Equipment			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								Check Figure:	\$ -
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
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	275,000						275,000
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	2021CMD001 2022CMD001 2023CMD001 2024CMD001 2025CMD001 2026CMD001	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	\$ 42,000	\$ 42,000	244,000

**2021 CAP PLAN UPDATE
2021 - 2026 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 2021 - 2026	
			2021	2022	2023	2024	2025		2026
CAPITAL PROJECTS									
5	2020CMD002	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			105,000
6	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.			305,000				305,000
7	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	80,000						80,000
8	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
9	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	80,000						80,000
10	2021CMD008	Brush Chipper - This purchase will replace one the existing three brush chippers.			80,000				80,000
11	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 usefully life and needs to be replaced.			300,000				300,000
12	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.		215,000					215,000
13	2022CMD003 2025CMD006	Leaf truck - Leaf vacuum truck. Automated system for leaf collection program. Replacing one of two 1988 model trucks used for leaf collection.		220,000			240,000		460,000
14	2022CMD005 2023CMD007	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		83,600	88,000				171,600
15	2022CMD010	Tallmadge Avenue Storm Sewer Replacement - This project includes replacing an existing storm sewer outlet on Tallmadge Avenue that is clogged and is believed to have collapsed		30,000					30,000
16	2022CMD011	SR 261 Storm Sewer Outfall Investigation and Replacement -This project consists of televising existing storm sewers along SR 261 to locate existing corrugated metal pipes that may have structural issues. The project would also include repair/replacement of failed storm lines		100,000					100,000
17	2022CMD006 2023CMD004	Lead Service Line Replacements - This project consists of replacing lead service connections that are found typically in preparation for a capital improvement project.		40,000	40,000				80,000
18	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
19	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
20	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
21	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
22	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				225,000			225,000
23	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					175,000		175,000
24	2023CMD007	Water Meter Van - This vehicle will replace the existing truck used to obtain water meter reads. The new vehicle will have storage for tools to repair water meters.			80,000				80,000
25	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
26	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.					88,000		88,000
27	2024CMD005	Push Camera - Manual camera used primarily to view residential sewer service lines.					15,000		15,000
28	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
29	2025CMD003	Vehicle Storage Suppression System -The existing fire suppression system at the storage building located near Plum Creek Park is at the end of it's useful and has needed repairs over the last few years. This project will replace the existing system.					75,000		75,000
30	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
31	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
32	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
33	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
34	2026CMD002	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						225,000	225,000
35	2026CMD003	Excavator -Performs excavations necessary for repairs and replacements on road, water, sewer and storm infrastructure.						125,000	125,000
36	2026CMD004	Chipper - Used for residential brush collection program, storm clean up and tree maintenance.						85,000	85,000
37	2026CMD005	Pickup Truck - 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.						35,000	35,000
38	2026CMD006	Leaf Vacuum Truck - Automated system for leaf collection program.						275,000	275,000
Central Maintenance Equipment			\$ 852,000	\$ 728,600	\$ 1,148,000	\$ 878,000	\$ 810,000	\$ 842,000	\$ 5,258,600
								Check Figure:	\$ 5,258,600
DEBT SERVICE									
1	DS-13-01	Issue II Loan - Downtown Erie-Depeyster	\$ 19,775	\$ 19,775	\$ 19,775	\$ 19,775	\$ 19,775	\$ 9,900	\$ 108,775
2	DS-18-01	Issue II Loan - Rockwell-Wittier-Woodard Streets	4,425	4,425	4,425	4,425	4,425	4,425	26,550
3	DS-19-01	Issue II Loan - S Chestnut-Middlebury Road	12,350	12,350	12,350	12,350	12,350	12,325	74,075
4	DS-19-02	Issue II Loan - E Summit St Improvement	25,000	25,000	25,000	25,000	25,000	25,000	150,000
5	DS-21-01	City Hall Bond Issue		471,500	471,000	471,000	475,000	470,000	2,358,500
Debt Service			\$ 61,550	\$ 533,050	\$ 532,550	\$ 532,550	\$ 536,550	\$ 521,650	\$ 2,717,900
								Check Figure:	\$ 2,717,900
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.	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
2	2017ENG003	Vehicle Replacement - This project would replace the all purpose jeep that is used by the division.				40,000			40,000
Engineering Division			\$ 40,000	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 80,000
								Check Figure:	\$ 80,000

**2021 CAP PLAN UPDATE
2021 - 2026 Project Descriptions**

Item #	Project #	Description	2021	2022	2023	2024	2025	2026	6-Year Total 2021 - 2026
CAPITAL PROJECTS									
FIRE DEPARTMENT EQUIPMENT									
1	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	\$ 648,825	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 648,825
2	2023KFD003	Replace Fire Prevention Pick-Up 1866 - This SUV vehicle is a 2009 model. Defer replacement to 2023			\$ 60,000				60,000
3	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
4	2023KFD007	Camera's on Vehicles - for safety and training.			45,000				45,000
5	2023KFD008	Public Training Facility Study - Provide a training facility that could be utilized to provide training that is not currently being performed.			50,000				50,000
6	2023KFD009	Tanker Truck - This vehicle would allow for fire services where there may be a lack of a water source.			550,000				550,000
7	2023KFD010	Security Monitoring System - Providing security for both stations and monitor medications stored in the med units.			50,000				50,000
8	2024KFD005	2004 Seagrave Engine Replacement				700,000			700,000
9	2024KFD006	Water Rescue Craft - for shallow water use and rescue.				15,000			15,000
10	2024KFD007	Station 1 Renovations				250,000			250,000
11	2024KFD008	Tools and Equipment for new Engine - specialized forecable entry tools and upgrade aging tools and equipment.				50,000			50,000
12	2025KFD003	Station 1 Light Vehicle Replacement					55,000		55,000
13	2026KFD005	Fire Chief Response Vehicle Replacement						50,000	50,000
14	2026KFD004	Explorer Car 2 Replacement						55,000	55,000
15	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
16	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.						1,500,000	1,500,000
17	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
18	2022KFD003 2023KFD006 2024KFD004 2025KFD005 2026KFD003	Dispatch Communications - Station alerting, improved communications for first responders.		13,000	13,000	13,000	13,000	13,000	65,000
19	FD-22-04 2022KFD004 2024KFD009	Replace or Refurbish Lifeline Med unit in - Replace or refurbish 10+ year old Med Units.		200,000		250,000			450,000
21	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. Equip for new ladder tower in 2026 as well.	30,000	45,000	40,000	50,000	50,000	50,000	265,000
22	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.	300,000	350,000	350,000	350,000	350,000	350,000	2,050,000
		Fire Department	\$ 1,275,825	\$ 608,000	\$ 1,208,000	\$ 1,743,000	\$ 468,000	\$ 2,018,000	\$ 7,320,825
								Check Figure:	\$ 7,320,825
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.						9,000	9,000
3	PD-19-07 2019KPD007 2022KPD003 2025KPD007	Unmarked Bureau Cars - These will be replaced on a rotating basis as needed.	35,000	20,000			20,000	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
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.						100,000	100,000
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	2022KPD009	Video Servers - Computer server for the storage of police building surveillance video.		16,000					16,000
10	2023KPD003	Gym Equipment - Replacement of police building gym equipment as needed.			10,000				10,000
11	2023KPD004	Opticom Systems - Replacement of traffic signal preemption devices for cruisers to work with already equipped traffic signals.			6,000				6,000
12	2023KPD006	Video Arraignment - Secure fiber connection between police building and Kent Muni Court when approved by Portage County.			5,000				5,000
13	PD-XX-01 20XXKPD001	Police Department Miscellaneous Equipment - Funds are used each year to provide for smaller capital needs of the Kent Police Department as they arise.	35,000	50,000	40,000	40,000	40,000	40,000	245,000
14	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	3,570	3,570		25,000	27,000		59,140
15	2025KPD002	Replace 2010 Dodge Caravan				20,000			20,000
16	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
17	2022KPD004	Fingerprint Machine This request is intended to provide for the replacement of one fingerprint machine with digital scanning capability			7,500				7,500
		Police Department	\$ 408,570	\$ 89,570	\$ 460,500	\$ 85,000	\$ 127,000	\$ 169,000	\$ 1,339,640
								Check Figure:	\$ 1,339,640
SERVICE DEPARTMENT, FACILITIES, CAPITAL MAINTENANCE and CAPITAL PROJECTS									
1	2021KSD004 2022KSD004 2023KSD004 2024KSD004 2025KSD004 2026KSD003	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	\$ 10,000	\$ 60,000
2	2021KSD002	Standing Rock Cemetery - Wall Replacement - This project will replace the retaining wall along SR 43 at Standing Rock Cemetery.	100,000						100,000
3	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.			50,000	200,000			250,000
		Service Department, Facilities, Capital Maintenance and Capital Projects	\$ 110,000	\$ 10,000	\$ 60,000	\$ 210,000	\$ 10,000	\$ 10,000	\$ 410,000
								Check Figure:	\$ 410,000
SAFETY & SERVICE, COMMUNICATIONS and IT									
1	SS-19-01 2019KSS001 SS-19-02	IT System Build Out	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000
2	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

**2021 CAP PLAN UPDATE
2021 - 2026 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	
			2021	2022	2023	2024	2025	2026	Total 2021 - 2026
CAPITAL PROJECTS									
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.	80,000						80,000
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	2021KSS004	CivicClerk Program	16,500						16,500
10	2021KSS005	Fire Station 1 - IT Upgrades for Council Meetings	5,000						5,000
11	SS-22-01 2022KSS001	Network Equipment Replacement - Plan for replacement between years 5-8 of ownership. All replacec Q4 2017.		50,000					50,000
12	SS-23-02 2023KSS002	Virtual Server Cluster Upgrade			50,000				50,000
13	2024KSS001	Website Redesign				15,000			15,000
Safety & Service, Communications and IT			\$ 171,500	\$ 65,000	\$ 56,000	\$ 15,000	\$ 15,000	\$ -	\$ 322,500
								Check Figure:	\$ 322,500
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	2022KVM001 2023KVM001 2024KVM001 2025KVM002 2026KVM001	VM Miscellaneous Equipment - Funds are used each year to provide for unplanned smaller capital needs for vehicle maintenance that are required during a normal year.		30,000	30,000	30,000	30,000	30,000	150,000
4	2023KVM002	Tire Storage - This project will expand the storage area included with the vehicle maintenance building and will be used to store replacement tires.			25,000				25,000
5	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
6	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	\$ 110,000	\$ 55,000	\$ 40,000	\$ 45,000	\$ 30,000	\$ 310,000
								Check Figure:	\$ 310,000
WATER RECLAMATION FACILITY									
1	2011WRF010	Digester Heat Exchangers - The two existing heat exchangers are circa 1965 and in need of replacement.	\$ 15,131	\$ -	\$ 5,500,000	\$ -	\$ -	\$ -	\$ 5,515,131
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.			650,000				650,000
3	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/skimmers, truss arms, torque limiter, support shaft and other ancillary items to get the #2 Primary Filter back in service.	25,576						25,576
4	2021WRF001 2022WRF001 2023WRF001 2024WRF001 2025WRF001 2026WRF001	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
5	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
6	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
7	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
8	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
9	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.	38,824						38,824
10	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 clarifiers are being rehabilitated.	100,000						100,000
11	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
12	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	30,000					45,000
13	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
14	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 work also includes replacing the flow control gates within the facility.			58,500	429,000			487,500
15	2022WRF005	Concrete Repair to #1 Primary - This project includes minor concrete repairs to the existing primary clarifier #1.		15,000					15,000
16	WRF 2023WRF006	Pickup Truck - Replacement of an existing truck at the WRF.		45,000	40,000				85,000
17	2022WRF011 2022WRF003 2022WRF001	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.	2,231,491	950,000					3,181,491
18	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.			60,000	300,000			360,000
19	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
20	2023WRF006	Belt Press Conveyor - This is a replacement for the current conveyor for the WRF belt filter presses and is an integral part of the bio-solids production and removal. The conveyor has been repaired numerous times and has reached the end of its useful life span			25,000				25,000
21	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

**2021 CAP PLAN UPDATE
2021 - 2026 Project Descriptions**

Item #	Project #	Description	2021	2022	2023	2024	2025	2026	6-Year Total 2021 - 2026
The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.									
CAPITAL PROJECTS									
22	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
23	2024WRF006	Lab Vehicle - This is to replace the 2010 Ford Transit Connect van currently used by WRF laboratory personnel for sample collection both in the facility and at remote sites. At the time of replacement this vehicle will be at the end of its useful life				30,000			30,000
Water Reclamation Facility Capital Expenses			\$ 2,576,022	\$ 1,165,000	\$ 6,543,500	\$ 889,000	\$ 60,000	\$ 60,000	\$ 11,293,522
								Check Figure:	\$ 11,293,522
WATER TREATMENT PLANT									
1	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
2	2017WTP004	Paint KSU 400,000 gallon Ground Storage Tank - Painting including lead abatement of the 400,000 gallon ground tank at KSU.	470,900						470,900
3	2020WTP001 2021WTP001 2022WTP001 2023WTP001 2024WTP001 2025WTP001 2026WTP001	WTP, Misc. Plant Equipment - Funds are used each year to provide funding for smaller identified Capital needs at the Water Treatment Plant.	52,360	35,000	35,000	35,000	35,000	35,000	227,360
4	2021WTP002	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
5	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 smaller more appropriately sized truck. The farm fields that we haul lime to are not designed to accept loads from trucks the size that we have at the WTP. This has led to issues with the truck getting stuck, breaking down, and causing some property damage.		180,000					180,000
6	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
7	2021WTP007 2022WTP007 2023WTP007 2024WTP007 2025WTP007 2026WTP004	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	100,000	580,000
8	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
9	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
10	2023WTP003	Tank Cleaning and Inspection - Routine cleaning and inspection of some of the water tanks in the distribution system.			100,000				100,000
11	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
12	2024WTP004	Replace 1-ton Dump Truck - The 1-ton dump truck has passed its life expectancy and is due to be replaced.				60,000			60,000
13	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.				50,000			50,000
14	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.					150,000	150,000	300,000
15	2025WTP008 2026WTP005	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.					50,000	50,000	100,000
16	2026WTP002	Replace F-250 Pickup - The current F-250 pickup, purchased in 2014, will be replaced with a similar model.						50,000	50,000
17	2026WTP003	Wellfield Exploration/Rate Study - This project includes exploring for potential new well sites and routes to transmit the raw water to the treatment plant.						400,000	400,000
Water Treatment Plant Capital Expenses			\$ 753,260	\$ 570,000	\$ 1,185,000	\$ 995,000	\$ 335,000	\$ 935,000	\$ 4,773,260
								Check Figure:	\$ 4,773,260

**2021 CAP PLAN UPDATE
2021 - 2026 Project Descriptions**

Item #	Project #	Description	2021	2022	2023	2024	2025	2026	6-Year Total
		The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.							
		CAPITAL PROJECTS							
		Totals by Department/Division Project Description Page							
		Capital Projects	\$ 16,706,207	\$ 6,347,000	\$ 5,637,300	\$ 19,750,000	\$ 5,255,000	\$ 1,945,000	\$ 53,695,507
		Budget & Finance IT	12,000	-	162,000	-	-	-	174,000
		Community Development	-	-	-	-	-	-	-
		Central Maintenance	852,000	728,600	1,148,000	878,000	810,000	842,000	4,416,600
		Debt Service	61,550	533,050	532,550	532,550	536,550	521,650	2,196,250
		Engineering Division	40,000	-	-	40,000	-	-	80,000
		Fire Department	1,275,825	608,000	1,208,000	1,743,000	468,000	2,018,000	5,302,825
		Health Department	-	-	-	-	-	-	-
		Police Department	408,570	89,570	460,500	85,000	127,000	169,000	1,170,640
		Service Department	110,000	10,000	60,000	210,000	10,000	10,000	400,000
		Safety & Service	171,500	65,000	56,000	15,000	15,000	-	322,500
		Vehicle Maintenance	30,000	110,000	55,000	40,000	45,000	30,000	280,000
		Water Reclamation Facility	2,576,022	1,165,000	6,543,500	889,000	60,000	60,000	11,233,522
		Water Treatment Plant	753,260	570,000	1,185,000	995,000	335,000	935,000	3,838,260
		Totals by Department/Division Project Description Page:	\$ 22,996,934	\$ 10,226,220	\$ 17,047,850	\$ 25,177,550	\$ 7,661,550	\$ 6,530,650	\$ 83,110,104
								Check Figure:	\$ 83,110,104
		Check Sum This Page to Individual Yearly CIP Reports (Note should equal ZERO)							
		Engineering Capital Projects	\$ 16,706,207	\$ 6,347,000	\$ 5,637,300	\$ 19,750,000	\$ 5,255,000	\$ 1,945,000	\$ 53,695,507
		Budget & Finance IT	12,000	-	162,000	-	-	-	174,000
		Community Development	-	-	-	-	-	-	-
		Central Maintenance	852,000	728,600	1,148,000	878,000	810,000	842,000	4,416,600
		Debt Service	61,550	533,050	532,550	532,550	536,550	521,650	2,196,250
		Engineering Division	40,000	-	-	40,000	-	-	80,000
		Fire Department	1,275,825	608,000	1,208,000	1,743,000	468,000	2,018,000	5,302,825
		Health Department	-	-	-	-	-	-	-
		Police Department	408,570	89,570	460,500	85,000	127,000	169,000	1,170,640
		Service Department	110,000	10,000	60,000	210,000	10,000	10,000	400,000
		Safety & Service	171,500	65,000	56,000	15,000	15,000	-	322,500
		Vehicle Maintenance	30,000	110,000	55,000	40,000	45,000	30,000	280,000
		Water Reclamation Facility	2,576,022	1,165,000	6,543,500	889,000	60,000	60,000	11,233,522
		Water Treatment Plant	753,260	570,000	1,185,000	995,000	335,000	935,000	3,838,260
		Total:	\$ 22,996,934	\$ 10,226,220	\$ 17,047,850	\$ 25,177,550	\$ 7,661,550	\$ 6,530,650	\$ 83,110,104
								Check Figure:	\$ 83,110,104
			2021	2022	2023	2024	2025	2026	6-Year
		Capital Expenses Fire/EMS	\$ 1,275,825	\$ 608,000	\$ 1,208,000	\$ 1,743,000	\$ 718,000	\$ 2,018,000	\$ 5,552,825
		Capital Expenses Capital Project	14,656,361	5,565,670	6,487,700	19,765,000	4,621,000	2,452,250	51,095,731
		Capital Expenses Debt Service	61,550	533,050	532,550	532,550	536,550	521,650	2,196,250
		Total Capital Expenses Fire/EMS, Capital Projects and Debt Service:	\$ 15,993,736	\$ 6,706,720	\$ 8,228,250	\$ 22,040,550	\$ 5,875,550	\$ 4,991,900	\$ 58,844,806
		Capital Expenses Water	1,114,215	1,699,150	1,570,500	1,508,000	1,607,500	1,191,250	7,499,365
		Capital Expenses Sanitary	5,220,328	1,368,950	6,983,000	1,322,000	219,000	191,250	15,113,278
		Capital Expenses Storm	668,655	451,400	266,100	307,000	209,500	156,250	1,902,655
		Total Capital and Utility Funds from Yearly Sheets:	\$ 22,996,934	\$ 10,226,220	\$ 17,047,850	\$ 25,177,550	\$ 7,911,550	\$ 6,530,650	\$ 83,360,104
		Line 369-382	\$ -	\$ -	\$ -	\$ -	\$ (250,000)	\$ -	\$ -
		Check Sum this page Total Expenses:	\$ (22,996,934)	\$ (10,226,220)	\$ (17,047,850)	\$ (25,177,550)	\$ (7,911,550)	\$ (6,530,650)	\$ (83,360,104)
			2021	2022	2023	2024	2025	2026	6-Year
		Total Capital Expenses Fire/EMS, Capital Projects and Debt Service	\$ 15,993,736	\$ 6,706,720	\$ 8,228,250	\$ 22,040,550	\$ 5,875,550	\$ 4,991,900	\$ 58,844,806
		Programmed Reimbursements Capital Project and Sale Notes/Bonds from yearly reports	10,119,131	2,979,200	1,722,500	16,568,297	305,000	1,555,000	31,694,128
		Net Capital Expenses Fire/EMS, Capital Projects and Debt Service:	\$ 5,874,605	\$ 3,727,520	\$ 6,505,750	\$ 5,472,253	\$ 5,570,550	\$ 3,436,900	\$ 27,150,678
		Capital Expenses Water	\$ 1,114,215	\$ 1,699,150	\$ 1,570,500	\$ 1,508,000	\$ 1,607,500	\$ 1,191,250	\$ 7,499,365
		Programmed Reimbursements Water from yearly reports	268,450	355,000	-	-	-	-	623,450
		Net Expenses Water:	\$ 845,765	\$ 1,344,150	\$ 1,570,500	\$ 1,508,000	\$ 1,607,500	\$ 1,191,250	\$ 6,875,915
		Capital Expenses Sanitary	\$ 5,220,328	\$ 1,368,950	\$ 6,983,000	\$ 1,322,000	\$ 219,000	\$ 191,250	\$ 15,113,278
		Programmed Reimbursements Sanitary from yearly reports	3,238,824	894,000	-	-	-	-	4,132,824
		Net Expenses Sanitary:	\$ 1,981,504	\$ 474,950	\$ 6,983,000	\$ 1,322,000	\$ 219,000	\$ 191,250	\$ 10,980,454
		Capital Expenses Storm	\$ 668,655	\$ 451,400	\$ 266,100	\$ 307,000	\$ 209,500	\$ 156,250	\$ 1,902,655
		Programmed Reimbursements Storm from yearly reports	66,000	40,000	-	-	-	-	106,000
		Net Expenses Storm:	\$ 602,655	\$ 411,400	\$ 266,100	\$ 307,000	\$ 209,500	\$ 156,250	\$ 1,796,655
		Net Cost to City All Funds	\$ 9,304,529	\$ 5,958,020	\$ 15,325,350	\$ 8,609,253	\$ 7,606,550	\$ 4,975,650	\$ 46,803,702
		Net Cost to City All Funds From Yearly Reports	\$ 9,304,529	\$ 5,958,020	\$ 15,325,350	\$ 8,609,253	\$ 7,606,550	\$ 4,975,650	\$ 46,803,702

City of Kent, Ohio 2021 Capital Plan - Analysis of Water Fund

2021 - 2026 BUDGET

2021 - 2026 Assume Operating Expenses +3% compounded annually

Current Debt Service is Known, **Capital Outlay is from 2021 Capital Plan Update dtd Oct. of 2021**

Water Fund - F#201

Description	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Actual 2020	Budget 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
Beginning Balance	\$ 1,985,881	\$ 2,077,902	\$ 2,173,324	\$ 1,436,507	\$ 1,319,313	\$ 1,844,855	\$ 2,726,476	\$ 2,277,057	\$ 1,569,493	\$ 925,428	\$ 146,105
Operating Revenues											
Water Sales	3,403,008	3,518,734	3,770,236	3,782,994	3,824,604	3,881,973	3,940,203	3,999,306	4,059,295	4,120,185	4,181,987
Tap-in fees	27,282	19,848	54,585	22,248	43,030	25,000	25,000	25,000	25,000	25,000	25,000
Special Assessments	41,195	41,597	39,903	44,319	30,756	30,000	30,000	30,000	30,000	30,000	30,000
Cell Tower Rent	34,135	37,238	37,238	37,238	37,238	37,000	37,000	37,000	37,000	37,000	37,000
All Other Miscellaneous Revenue and Sale of Sc	10,579	19,454	26,968	36,142	121,241	10,000	10,000	10,000	10,000	10,000	10,000
Sale of Assets	3,326	225	2,843	-	-	-	-	-	-	-	-
Interest Income	227	8	961	2,427	370	200	300	500	900	900	900
Total Operating Revenue	3,519,752	3,637,104	3,932,734	3,925,368	4,057,239	3,984,173	4,042,503	4,101,806	4,162,195	4,223,085	4,284,887
Operating Expenses											
Plant	1,510,430	1,459,705	1,525,123	1,521,217	1,532,774	1,578,757	1,626,120	1,674,904	1,725,151	1,776,905	1,830,212
Utility Distribution	706,613	797,148	815,720	875,147	754,586	845,000	870,350	896,461	923,354	951,055	979,587
Administrative Support	548,697	557,756	616,930	579,930	662,436	476,000	490,280	504,988	520,138	535,742	551,814
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	50,000	50,000	50,000
Transfer to Fund #204 - Utility Billing	41,418	43,293	44,543	45,930	47,000	48,410	49,862	51,358	52,899	54,486	56,120
Repay Advance to F#116 - Income Tax	80,000	80,000	80,000	32,100	-	-	-	-	-	-	-
Total Operating Expense	2,937,158	2,937,902	3,082,316	3,104,324	3,046,796	2,998,167	3,086,612	3,177,711	3,271,542	3,368,188	3,467,734
Operating Revenue less Expense	582,594	699,202	850,418	821,044	1,010,443	986,006	955,890	924,095	890,653	854,897	817,154
Debt Service (OWDA Loans P & I)											
Franklin Hills Waterline (to 7/1/2027)	16,520	16,519	16,519	16,519	16,519	16,519	16,519	16,519	16,519	16,519	16,519
Kent Ravenna Interconnect (to 12/31/2023)	34,441	34,440	33,289	33,289	34,441	34,441	34,440	34,440	-	-	-
Issue II Loan - Erie & Depeyster Streets	2,488	3,472	-	2,726	3,973	4,800	4,800	4,800	4,800	4,800	4,800
OPWC - Hudson	-	-	-	-	-	5,400	5,400	5,400	5,400	5,400	5,400
Debt Service-Plant 2 Water Tanks	-	-	-	-	-	-	-	-	-	-	-
Total Debt Service	53,449	54,431	49,808	52,534	54,933	61,160	61,159	61,159	26,719	26,719	26,719
NET OPERATING - AFTER DEBT SERVICE	529,145	644,771	800,610	768,510	955,510	924,846	894,731	862,936	863,934	828,178	790,435
Other Funding Sources (Non-operating)											
Capital Grants/Other Intergovtl Revenue	81,504	106,935	-	-	147,087	-	355,000	-	-	-	-
OPWC/Other Loans	2,727	2,532	-	547,683	39,341	268,450	-	-	-	-	-
Recovery of Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-	-
From CAP Year Report(s) for 2021 - 2026	-	-	-	-	-	1,114,215	1,699,150	1,570,500	1,508,000	1,607,500	1,191,250
Total Other Funding Sources	84,231	109,467	-	547,683	186,428	268,450	355,000	-	-	-	-
Subtotal - Available for Capital	613,376	754,238	800,610	1,316,193	1,141,938	1,193,296	1,249,731	862,936	863,934	828,178	790,435
Capital Outlay											
Plant	657,785	219,368	78,213	319,570	153,757	-	-	-	-	-	-
Utility Distribution/Admin.	16,198	134,931	29,478	201,124	53,244	-	-	-	-	-	-
Capital Facilities/Infrastructure	420,386	208,783	1,159,935	1,212,555	-	-	-	-	-	-	-
From CAP Year Report(s) for 2021 - 2026	-	-	-	-	-	1,114,215	1,699,150	1,570,500	1,508,000	1,607,500	1,191,250
Total Capital Outlay	1,094,369	563,082	1,267,626	1,733,249	207,001	1,114,215	1,699,150	1,570,500	1,508,000	1,607,500	1,191,250
Recovery of Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-	-
Ending Cash Balance	2,405,374	2,596,530	2,129,514	1,712,458	2,647,395	2,726,476	2,277,057	1,569,493	925,428	146,105	(254,710)
Encumbrances	327,472	423,206	693,007	393,145	802,540	-	-	-	-	-	-
Ending Unencumbered Balance	\$ 2,077,902	\$ 2,173,324	\$ 1,436,507	\$ 1,319,313	\$ 1,844,855	\$ 2,726,476	\$ 2,277,057	\$ 1,569,493	\$ 925,428	\$ 146,105	\$ (254,710)
Fund Balance Policy Ratio (min. 25%) (% of Annual Oper Exp. Plus Debt Service)	69.48%	72.63%	45.86%	41.79%	59.48%	89.12%	72.34%	48.46%	28.06%	4.30%	-7.29%

City of Kent, Ohio 2021 Capital Plan - Analysis of Storm Water Fund

2021 - 2026 BUDGET

2021 - 2026 Assume Annual Revenue's remain same, Operating Expenses +3% salaries and other compounded annually

Current Debt Service is Known, **Capital Outlay is from 2021 Capital Plan Update dtd Oct. of 2021**

Storm Water Drainage - F#208

Description	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Actual 2020	Budget 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
Beginning Balance	\$ 663,052	\$ 1,054,364	\$ 1,112,391	\$ 1,290,124	\$ 1,216,329	\$ 1,053,778	\$ 1,808,598	\$ 1,749,820	\$ 1,816,744	\$ 1,822,582	\$ 1,905,129
Operating Revenues											
Storm Water Charges	887,084	989,962	990,186	1,004,836	1,010,687	990,000	990,000	990,000	990,000	990,000	990,000
Special Assessments	31,292	63,147	26,930	26,431	29,392	28,000	28,000	28,000	28,000	28,000	28,000
Storm Sewer Tap in fees	850	1,450	1,600	800	1,275	500	500	500	500	500	500
Interest Income	-	-	-	-	-	-	-	-	-	-	-
All Other Misc. Revenue	-	275	8	6,783	33,469	-	-	-	-	-	-
Transfer In From Income Tax - F#116	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	919,226	1,054,834	1,018,724	1,038,850	1,074,823	1,018,500	1,018,500	1,018,500	1,018,500	1,018,500	1,018,500
Operating Expenses											
Salaries & Fringes	472,333	484,914	524,133	535,747	509,972	592,000	609,760	628,053	646,894	666,301	686,290
Other Operating	40,754	30,581	44,225	31,653	41,003	42,233	43,500	44,805	46,149	47,534	48,960
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	16,000	-	-	-	-	-	-
Total Operating Expenses	513,087	625,495	678,358	677,400	566,975	634,233	653,260	672,858	693,044	713,835	735,250
Operating Revenue less Expense	406,139	429,339	340,366	361,450	507,848	384,267	365,240	345,642	325,456	304,665	283,250
Debt Service (OWDA Loans)											
Repay Issue II Loan(s) - Principal Only - 0% Interest	4,967	4,967	4,967	4,967	4,968	4,968	4,968	4,968	4,968	4,968	4,968
Repay Issue II Loan - Area Q Phase V	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
OPWC - Valleyview/Morris	-	-	-	-	1,169	2,650	2,650	2,650	2,650	2,650	2,650
Total Debt Service	9,967	9,967	9,967	9,967	11,137	12,618	12,618	12,618	12,618	12,618	12,618
NET OPERATING - AFTER DEBT SERVICE	396,172	419,372	330,399	351,483	496,711	371,649	352,622	333,024	312,838	292,047	270,632
Other Funding Sources (Non-operating)											
Issue II Grant(s)	-	-	-	-	-	66,000	40,000	-	-	-	-
Issue II Loan(s)	-	-	-	-	-	-	-	-	-	-	-
Federal Aid	14,100	146,762	-	-	147,087	-	-	-	-	-	-
OPWC/Other State Local Aid	1,448	-	-	149,819	40,948	-	-	-	-	-	-
Recovery of Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-	-
From CAP Year Report(s) for 2021 - 2026	-	-	-	-	-	-	-	-	-	-	-
Total Other Funding Sources	15,548	146,762	-	149,819	188,035	66,000	40,000	-	-	-	-
Subtotal - Available for Capital	411,720	566,134	330,399	501,302	684,746	437,649	392,622	333,024	312,838	292,047	270,632
Capital Outlay											
Service/Admin.	7,090	154,553	261,041	27,375	-	-	-	-	-	-	-
Capital Facilities	273,322	189,955	-	391,779	-	-	-	-	-	-	-
From CAP Year Report(s) for 2021 - 2026	-	-	-	-	79,515	668,655	451,400	266,100	307,000	209,500	156,250
Total Capital Outlay	280,412	344,508	261,041	419,154	79,515	668,655	451,400	266,100	307,000	209,500	156,250
Ending Cash Balance	1,061,241	1,282,867	1,352,225	1,434,373	2,039,604	1,808,598	1,749,820	1,816,744	1,822,582	1,905,129	2,019,511
Encumbrances	6,877	170,476	62,101	218,044	985,826	1,808,598	1,749,820	1,816,744	1,822,582	1,905,129	2,019,511
Ending Unencumbered Balance	\$ 1,054,364	\$ 1,112,391	\$ 1,290,124	\$ 1,216,329	\$ 1,053,778	\$ 1,808,598	\$ 1,749,820	\$ 1,816,744	\$ 1,822,582	\$ 1,905,129	\$ 2,019,511
Personnel & Fringe Expenses negated	472,333	484,914	524,133	535,747	509,972	592,000	609,760	628,053	646,894	666,301	686,290
Ending Unencumbered Balance - Adjusted if Personnel	\$ 1,526,697	\$ 1,597,305	\$ 1,814,257	\$ 1,752,076	\$ 1,563,750	\$ 2,400,598	\$ 2,359,580	\$ 2,444,797	\$ 2,469,477	\$ 2,571,431	\$ 2,705,802
Fund Balance Policy Ratio (min. 25%) (% of Annual Oper Exp. Plus Debt Service)	201.58%	175.05%	187.43%	176.95%	182.28%	279.60%	262.78%	265.03%	258.28%	262.25%	270.04%

CITY OF KENT, OHIO 2021 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 2016 through 2020 and Budgeted for Fiscal Years 2021 through 2026

Descriptor	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Actual 2020	Budget 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026
Beginning Combined Funds Balance	\$ 11,473,366	\$ 12,275,824	\$ 13,489,396	\$ 11,720,029	\$ 14,021,303	\$ 18,628,238	\$ 15,515,258	\$ 12,825,161	\$ 7,124,253	\$ 1,955,283	\$ (3,433,089)
Operating Revenues											
Property and other taxes	2,198,302	2,074,420	2,049,029	1,993,487	2,089,184	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000
* Income Taxes	15,898,251	16,523,087	16,182,651	16,573,684	15,017,007	16,000,000	16,500,000	17,000,000	17,250,000	17,750,000	18,200,000
JEDD Taxes	549,301	631,805	582,595	669,162	604,782	600,000	600,000	600,000	600,000	600,000	600,000
Fees, licenses and permits	146,020	176,029	279,347	186,289	249,433	230,000	230,000	230,000	230,000	230,000	230,000
Intergovernmental	1,816,956	1,696,929	1,678,680	1,970,419	1,746,114	1,900,000	1,900,000	1,900,000	1,900,000	1,900,000	1,900,000
Estate Taxes	-	72,962	-	-	-	-	-	-	-	-	-
Grants (Non-capital)	87,838	367,919	257,850	123,361	490,762	100,000	100,000	100,000	100,000	100,000	100,000
Charges for services	1,652,764	1,780,311	2,016,334	1,966,939	1,714,821	1,700,000	1,700,000	1,700,000	1,650,000	1,700,000	1,700,000
Fines and forfeits	279,696	323,441	299,611	299,757	239,258	250,000	279,000	279,000	279,000	279,000	279,000
Special assessments	80,492	165,222	145,101	209,807	115,240	85,703	50,000	50,000	50,000	50,000	50,000
Proceeds from sale of assets	15,087	437,704	59,241	44,361	32,091	1,500	10,000	10,000	10,000	10,000	10,000
Interest	367,729	452,212	523,462	688,871	552,745	450,000	450,000	450,000	500,000	500,000	500,000
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	248,686	706,636	657,048	697,616	1,148,265	1,785,124	250,000	250,000	250,000	250,000	250,000
Advance/Transfer to other funds (net)	(2,172,352)	(1,752,562)	(2,198,852)	(1,819,379)	(1,505,782)	(1,923,281)	(2,000,000)	(2,100,000)	(2,200,000)	(2,200,000)	(2,200,000)
Total Revenues	21,143,230	23,630,575	22,506,557	23,578,834	22,468,380	23,233,506	22,123,460	22,523,460	22,673,460	23,223,460	23,673,460
Operating Expenses											
Security of persons and property	10,703,603	11,241,683	12,207,597	12,158,098	10,470,197	12,522,841	12,898,526	13,285,482	13,684,046	14,094,568	14,517,405
Public health and welfare	470,150	491,010	550,504	559,647	560,108	576,911	594,219	612,045	630,406	649,319	668,798
Community development	1,632,815	2,237,958	1,222,943	1,228,429	1,235,509	1,272,574	1,310,751	1,350,074	1,390,576	1,432,294	1,475,262
Transportation	2,422,660	2,286,158	1,928,869	2,380,670	1,831,062	2,452,090	2,525,653	2,601,422	2,679,465	2,759,849	2,842,644
General government	3,266,439	3,231,083	3,694,343	3,309,274	3,284,486	3,647,464	3,756,888	3,869,595	3,985,683	4,105,253	4,228,411
Total Expenses	18,495,667	19,487,892	19,604,256	19,636,118	17,381,362	20,471,881	21,086,037	21,718,618	22,370,177	23,041,282	23,732,521
Operating Revenues less Expenses	2,647,563	4,142,683	2,902,301	3,942,716	5,087,018	2,761,625	1,037,423	804,842	303,283	182,178	(59,061)
*Adjustment for Charter Required Capital	(3,430,965)	(3,565,396)	(3,479,994)	(3,576,462)	(3,589,933)	(3,655,933)	(3,699,933)	(3,743,933)	(3,787,933)	(3,787,933)	(3,787,933)
Other Funding Sources/Uses											
Proceeds from sale of notes/bonds	1,016,989	766,384	510,000	257,313	-	9,130,000	-	-	-	-	-
Debt service and issuance costs	(1,305,112)	(1,048,860)	(807,450)	(556,802)	(282,665)	-	(471,500)	(471,000)	(471,000)	(475,000)	(473,000)
OPWC Debt Svc	-	-	-	-	-	(61,550)	(61,550)	(61,550)	(61,550)	(61,550)	(51,700)
Capital grants/Reimbursements	4,150,216	5,459,806	4,862,084	1,885,026	825,975	989,131	2,979,200	1,722,500	16,318,297	305,000	1,555,000
Net - Other Funding Sources/Uses	3,862,093	5,177,330	4,564,634	1,585,537	543,310	10,057,581	2,446,150	1,189,950	15,785,747	(231,550)	1,030,300
Available for Capital Outlay	6,509,656	9,320,013	7,466,935	5,528,253	5,630,328	12,819,206	3,483,573	1,994,792	16,089,030	(49,372)	971,239
Capital Outlay	5,707,198	8,426,493	6,242,278	4,268,729	4,349,216	15,932,186	6,173,670	7,695,700	21,258,000	5,339,000	4,430,250
Revenues/Sources minus Expenditures/Uses	802,458	893,520	1,224,657	1,259,524	1,281,112	(3,112,980)	(2,690,097)	(5,700,908)	(5,168,970)	(5,388,372)	(3,459,011)
Year to Year change in Encumbrances	-	320,052	(2,994,024)	1,041,750	935,823	-	-	-	-	-	-
Reserve for Sale of City Offices	-	-	-	-	2,390,000	-	-	-	-	-	-
Combined Funds Balance - January 1	11,473,366	12,275,824	13,489,396	11,720,029	14,021,303	18,628,238	15,515,258	12,825,161	7,124,253	1,955,283	(3,433,089)
Combined Funds Balance - December 31	\$ 12,275,824	\$ 13,489,396	\$ 11,720,029	\$ 14,021,303	\$ 18,628,238	\$ 15,515,258	\$ 12,825,161	\$ 7,124,253	\$ 1,955,283	\$ (3,433,089)	\$ (6,892,100)
Change in Combined Funds Balance	\$ 802,458	\$ 1,213,572	\$ (1,769,367)	\$ 2,301,274	\$ 4,606,935	\$ (3,112,980)	\$ (2,690,097)	\$ (5,700,908)	\$ (5,168,970)	\$ (5,388,372)	\$ (3,459,011)
Managed Reserve Balance	\$ 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	\$ 2,608,828
Fund Balance Policy Ratio (min. 17%)	48.03%	46.69%	40.25%	59.63%	96.17%	42.90%	43.44%	19.74%	-1.69%	-26.46%	-38.34%