



Five Year Capital Improvement Program 2022 Update



FIVE YEAR CAPITAL IMPROVEMENT PLAN

Updated October 2022

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.

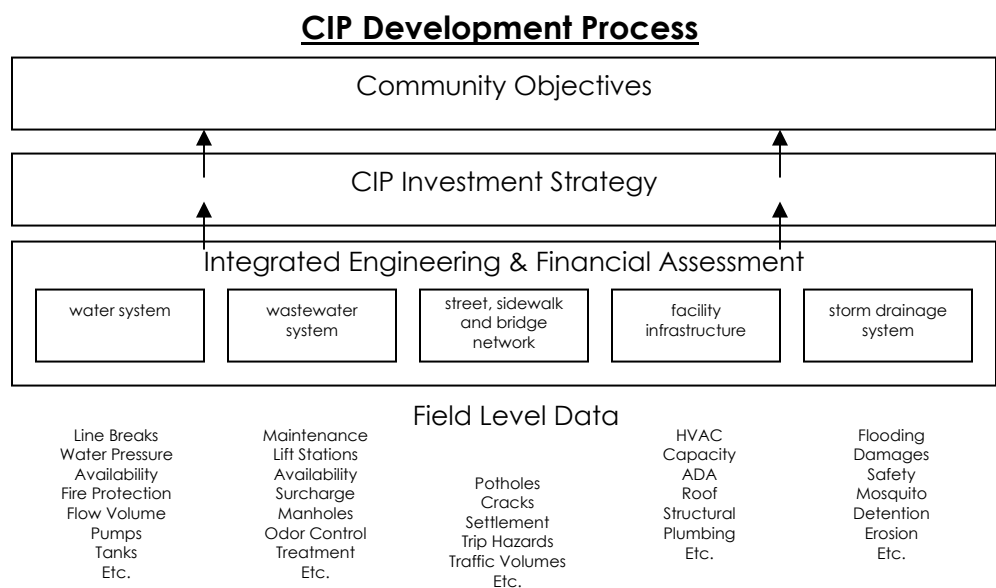
The matter of how the bill gets paid takes infrastructure into the realm of investment strategies with questions like: How valuable is the asset? How important is preservation of asset equity? What return on equity is expected? What is the risk tolerance for infrastructure failure? The answers to these 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 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 2023 through 2027 represents the Administration’s recommendation for the City’s 5-Year Capital Improvement Program.

Proposed 2023 Capital Program Summary

- The proposed capital program includes 70 projects, including debt payments.
- The total proposed capital program costs (including debt costs) is \$12,274,290.
- \$4,070,000 of the \$12,274,290 (or 33.2%) is grant or debt funded.
- The approved 2021 Capital Plan listed a total City cash contribution (net cost) at 58% for 2022 and the updated 2022 Plan update includes a 52% total City cash contribution (net cost) for 2022.
- The proposed new general government City cash contribution (net cost) for 2023 is \$3,924,190. This is the amount expected to be spent from General Government Funds.
- The estimated Charter requirement for 2023 is \$3,984,361.
- The proposed 2023 general government cash contribution (amount spent) is projected to be \$60,171 under the Charter requirement.
- The proposed 2023 debt (debt service, principle, interest) is \$522,290 (down from \$533,050 in 2022).
- The City’s legal debt margin (10.5% of assessed value) is approximately \$33.7 million.
- The undesignated fund balance decreased by \$1,769,367 in 2018 to \$11.72 million.
- The undesignated fund balance increased by \$2,301,274 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 increased by \$364,080 in 2021 to \$18.99 million.
- The undesignated fund balance is projected to decline by \$2,494,332 in 2022 to \$16.5 million.
- The undesignated fund balance is projected to decline by \$2,146,626 in 2023 to \$14.35 million.
- The managed reserve fund balance (emergency fund) is projected to be \$2.5 million in 2023.
- The amended 2011 Rate Stabilization Plan (water and sewer) included a 3% rate increase for 2023 but with the highest rate of inflation in 30 years (8-10%) staff is recommending a 9% rate increase for water and sewer in 2023.

2023 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., Service Department equipment replacement) under a single heading.

- **Financial Health and Economic Development***"to be a prosperous and livable city for all citizens"*
 - Loan/Debt Service Payments (downtown project, City Hall, Police Building, Misc. Street projects)
 - East Main Street Improvement Project
- **Natural Resources***"to protect and promote the City's natural resources"*
 - North-South Sewer Planning Study
 - Walnut Street Improvements, Phase 1&2
 - Storm Sewer Televising
 - Summit Street Waterline Relocation
 - Lead Service Replacement Project
 - Decommission Yacavona Pump Station
 - Water Reclamation Digester Heat Exchangers
 - West Summit Street Pedestrian Improvements
 - 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*
 - Portage Mill Race Hike and Bike Trail Project (Main Street to Stow Street)
- **Community Safety***"to be an exceptionally safe city"*
 - SR59 Alternative Transportation Improvements (City, PARTA, Franklin Township)
 - Annual Streets & Sidewalk Repair and Replacement*
 - Fairchild-Woodard Signal Upgrade
 - Dispatch Upgrades
 - Fire Safety and Prevention Equipment Replacement (pickup truck, vehicle video)
 - Public Safety Training Facility Study, Fire Response Time Study
 - Police Safety Equipment and Vehicle Replacements (9 cruisers)
 - Replace/Refurbish 2012 Fire Med Unit
 - N. Mantua Street Improvements
 - East Main Street Area Improvements Project
 - Miscellaneous Bike and Pedestrian Improvement Projects
 - West Summit Street Pedestrian Improvements
 - Sunrise Bridge Rehabilitation
 - Hudson Road Improvements
- **Communities within the City***"to strengthen the quality and enhance the value of neighborhoods"*
 - Walnut Street Phase 1&2
 - Lead Service Replacement Project
- **City / University Synergy***"expand collaborative opportunities that enrich the community experience"*
 - East Main Street Area Improvements
- **Governmental Performance***"to provide the best services at the lowest cost"*
 - First Responder Hardware and Software Upgrades
 - City IT Server and Cyber Security Upgrades
 - Misc. Water Reclamation Plant, Lab, and Vehicle Equipment Replacement
 - Wellfield Development Study, Maintenance Agreement, and Well Rehab
 - Misc. Water Treatment Plant Equipment and Vehicle Replacement
 - North-South Sewer Planning Study
 - Engineering Standards Construction Drawings Update
 - Engineering Specifications Update
 - Vehicle Storage Fire Suppression Replacement and Floor Repair
 - Service Dept. Equipment and Vehicle Replacements (brush chipper, pickup, dump truck)

*sidewalk and street repair program funds of \$1.08 million allocated for 2023

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.

2022 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	1992CIP013	Summit Street Traffic Signal Coordination	\$ -	\$ 22,950	\$ -	\$ 22,950	\$ -	\$ -	\$ -	\$ 22,950	\$ 11,475	\$ -	\$ -	\$ -	\$ 11,475	\$ 11,475	KSU Reimbursement
2	2008CIP012	SW Sanitary Pump Station	-	-	-	-	-	278,496	-	278,496	-	-	223,000	-	223,000	55,496	
3	2011CIP007	Miller/Steele/Harvey Storm and Water Improvements	-	3,000	-	3,000	9,000	-	18,000	30,000	-	-	-	-	-	30,000	
4	2011WRF010	Digester Heat Exchangers	-	-	-	-	-	15,131	-	15,131	-	-	-	-	-	15,131	\$65,000 in ARPA funds reappropriated in 2022 for this project
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	940,000	-	100,000	1,050,000	-	355,000	-	40,000	395,000	655,000	OPWC Funded (\$245k Grant/\$150k Loan)
7	2016KFD006	West Side Fire Station Expansion/Renovation	52,383	-	-	52,383	-	-	-	52,383	-	-	-	-	-	52,383	
8	2016PR004	Portage Bike & Hike Trail - Brady's Leap Segment	-	12,500	-	12,500	-	-	-	12,500	-	-	-	-	-	12,500	
9	2017CIP007	Storm Water Rate Analysis	-	-	-	-	-	-	75,900	75,900	-	-	-	-	-	75,900	
10	2017WTP004	Paint KSU 400,000 Ground Including Lead Abatement	-	-	-	-	554,700	-	-	554,700	-	250,000	-	-	250,000	304,700	
11	2018CIP009	North Water Street Improvements	-	26,700	-	26,700	3,000	-	-	29,700	-	-	-	-	-	29,700	
12	2018CIP014	Utility Mapping Update	-	-	-	-	7,500	7,500	-	15,000	-	-	-	-	-	15,000	
13	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
14	2019CIP003	Pilot Sidewalk Program	-	27,300	-	27,300	-	-	-	27,300	-	-	-	-	-	27,300	
15	2019CIP004	East Main Street Area Improvements	-	1,569,337	-	1,569,337	-	-	-	1,569,337	1,461,584	-	-	-	1,461,584	107,753	Includes HSP, CM/AQ & KSU Funding
16	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,350	12,350	-	-	-	12,350	-	-	-	-	-	12,350	
17	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
18	2019KSS001	IT System Buildout	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
19	2019KSS002	AntiVirus System Replacement	-	15,000	-	15,000	-	-	-	15,000	-	-	-	-	-	15,000	
20	2019KSS003	Additional Host Server for Virtual Environment	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
21	2019KSS004	Windows 10 Upgrade	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
22	2019KSS005	Backup Firewall & Service	-	2,000	-	2,000	-	-	-	2,000	-	-	-	-	-	2,000	
23	2020CIP008	Franklin/Erie Street Curb Extension	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
24	2020CIP009	North Mantua Street Access Study	-	1,550	-	1,550	-	-	-	1,550	-	-	-	-	-	1,550	
25	2020KSS002	Virtualization Software Relicensing	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	
26	2020WRF008	Installation of Generator into Pretreatment Area	-	-	-	-	-	30,000	-	30,000	-	-	-	-	-	30,000	
27	2021CIP007	Storm Sewer Design Standards Update	-	-	-	-	-	-	40,000	40,000	-	-	-	-	-	40,000	
28	2021CIP009	Walnut Street - Phase 1	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
29	2021CIP010	Mogadore Tank Study	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
30	2021CIP014	Active Transportation Acquisition	-	62,900	-	62,900	-	-	-	62,900	-	-	-	-	-	62,900	
31	2021CIP016	Sunrise Bridge Rehabilitation	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
32	2021CIP017	East Main Storm Lining	-	-	-	-	-	-	100,000	100,000	-	-	-	-	-	100,000	

2022 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
33	2021CMD012	Snowplow	-	215,000	-	215,000	-	-	-	215,000	-	-	-	-	-	215,000	
34	2021DSR001	City Hall Bond Issue	-	-	471,500	471,500	-	-	-	471,500	-	-	-	-	-	471,500	Appx. \$9.1 Million Bond Issue for 30 Years
35	2021ENG001	Engineering Vehicle Replacement	-	1,986	-	1,986	1,986	1,986	1,986	7,944	-	-	-	-	-	7,944	
36	2021KPD008	Body Cameras	-	17,100	-	17,100	-	-	-	17,100	-	-	-	-	-	17,100	
37	2021KSD002	Standing Rock Cemetary Wall Replacement	-	100,000	-	100,000	-	-	-	100,000	-	-	-	-	-	100,000	
38	2021KVM005	Service Truck	-	48,000	-	48,000	16,000	16,000	-	80,000	-	-	-	-	-	80,000	
39	2021WRF004	#3 Aeration Grid Replacement	-	-	-	-	-	6,550	-	6,550	-	-	-	-	-	6,550	
40	2021WRF005	Emergency Plant Generator Hookup	-	-	-	-	-	25,000	-	25,000	-	-	-	-	-	25,000	
41	2021WRF006	Replace Plant Water Pump	-	-	-	-	-	5,000	-	5,000	-	-	-	-	-	5,000	
42	2021WRF007	Influent Headworks Building	-	-	-	-	-	30,000	-	30,000	-	-	-	-	-	30,000	
43	2021WTP002	Lime Slacker including Installation	-	-	-	-	130,000	-	-	130,000	-	-	-	-	-	130,000	
44	2021WTP004	Replace Kenworth Dump Truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Purchase delayed due to higher priorities
45	2021WTP006	Well #9 Installation	-	-	-	-	191,800	-	-	191,800	-	-	-	-	-	191,800	
46	2022CIP001	Annual Sidewalk/Street Program - Construction	-	1,870,000	-	1,870,000	-	-	50,000	1,920,000	325,000	-	-	-	325,000	1,595,000	\$50k Set Aside for Sidewalks Outside of Street Programs
47	2022CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
48	2022CIP003	Main Street Bridge Lighting	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
49	2022CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
50	2022CIP006	ODOT - SR 43 Paving (PID # - TBD)	-	400,000	-	400,000	-	-	-	400,000	-	-	-	-	-	400,000	ODOT Urban Paving Program matching funds
51	2022CIP008	Gougler/River Streets Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unsuccessful in HSIP Application
52	2022CIP009	Water Meter Study	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
53	2022CIP011	Sanitary Sewer Model Update & Recalibration	-	-	-	-	-	120,000	-	120,000	-	-	-	-	-	120,000	
54	2022CIP012	2022 Engineering Specifications Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
55	2022CIP013	2022 Engineering Standard Construction Drawing Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
56	2022CIP014	Sanitary Design Standards	-	-	-	-	-	25,000	-	25,000	-	-	-	-	-	25,000	
57	2022CIP015	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
58	2022CIP016	Middlebury Road - River Access Drop-off	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
59	2022CIP017	Summit/Franklin Intersection	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
60	2022CIP018	Alley 8/Alley 10/Parking Lot Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Postponed due to higher priorities
61	2022CIP019	Erie Street Parking Modification	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
62	2022CIP020	Main/S Water Resurfacing	-	1,042,000	-	1,042,000	-	-	40,000	1,082,000	799,200	-	-	-	799,200	282,800	
63	2022CIP021	Summit Street Waterline Relocation	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	

2022 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
64	2022CIP022	School Signs & Markings on Depeyster	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
65	2022CIP023	Emergency Signal Repairs	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
66	2022CIP024	Downtown Lighting LED Replacement Study	-	20,000	-	20,000	-	-	-	20,000	20,000	-	-	-	20,000	-	NOPEC Grant
67	2022CIP025	SR 59 Alternative Transportation Improvements	-	30,000	-	30,000	-	-	-	30,000	20,000	-	-	-	20,000	10,000	PARTA & Franklin Township Reimbursements
68	2022CIP026	Riverside Court Watermain	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
69	2022CMD001	CM Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
70	2022CMD003	Leaf Vacuum Truck	-	200,000	-	200,000	-	-	20,000	220,000	-	-	-	-	-	220,000	\$20k also to come from the Solid Waste Fund (205)
71	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)
72	2022CMD006	Lead Service Replacements	-	-	-	-	40,000	-	-	40,000	-	-	-	-	-	40,000	
73	2022CMD010	Tallmadge Ave Storm Sewer Replacement	-	-	-	-	-	-	30,000	30,000	-	-	-	-	-	30,000	
74	2022CMD011	SR 261 Storm Outlet Investigation and Replacement	-	-	-	-	-	-	100,000	100,000	-	-	-	-	-	100,000	
75	2022KFD001	Fire Miscellaneous Equipment	45,000	-	-	45,000	-	-	-	45,000	-	-	-	-	-	45,000	
76	2022KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
77	2022KFD004	Replace or Refurbish 2012 Lifeline Med Unit	200,000	-	-	200,000	-	-	-	200,000	200,000	-	-	-	200,000	-	
78	2022KFD003	Dispatch Communication System	13,000	-	-	13,000	-	-	-	13,000	-	-	-	-	-	13,000	
79	2022KPD001	Police Miscellaneous Equipment	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
80	2022KPD003	Unmarked Replacement ('08 Impala)	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
81	2022KPD008	Taser Assurance (Replacement) Program	-	3,570	-	3,570	-	-	-	3,570	-	-	-	-	-	3,570	
82	2022KPD009	Video Servers	-	16,000	-	16,000	-	-	-	16,000	-	-	-	-	-	16,000	
83	2022KPD010	Radio/Call Recorder	-	46,000	-	46,000	-	-	-	46,000	-	-	-	-	-	46,000	
84	2022KSD004	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
85	2022KSS001	Network Equipment Replacement	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
86	2019KSS001	Microsoft Office 365 Government G5	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
87	2019KSS001	Backup Data Center	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
88	2022KVM001	VM Miscellaneous Equipment	-	15,000	-	15,000	7,500	7,500	-	30,000	-	-	-	-	-	30,000	
89	2022WRF002	WRF, Misc. Plant Equipment	-	-	-	-	-	60,000	-	60,000	-	-	-	-	-	60,000	
90	2022WRF003	Turbo 10 year replacement parts	-	-	-	-	-	35,000	-	35,000	-	-	-	-	-	35,000	
91	2022WRF004	Final Clarifiers Rehabilitation - Phase 2	-	-	-	-	-	850,000	-	850,000	-	-	850,000	-	850,000	-	\$850k OPWC (\$700k grant/\$150k loan) \$2.55 million funded through Local ARPA
92	2022WRF006	Pick up Truck	-	-	-	-	-	45,000	-	45,000	-	-	-	-	-	45,000	
93	2022WRF005	Concrete Repair to #1 Primary	-	-	-	-	-	15,000	-	15,000	-	-	-	-	-	15,000	
94	2022WRF004	Final Clarifiers Rehabilitation - Phase 1	-	-	-	-	-	2,260,680	-	2,260,680	-	-	2,132,600	-	2,132,600	128,080	State ARPA & OPWC Grant Funds
95	2022WTP001	WTP, Misc. Plant Equipment	-	-	-	-	35,000	-	-	35,000	-	-	-	-	-	35,000	

2022 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000	\$ -	\$ 2,200,000	\$ -	\$ -	\$ 1,167,000	\$ -	\$ 1,167,000	\$ 1,033,000	\$5.5 million also to come from the local ARPA Fund (138)
2	2011WTP004	Wellfield Development	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
3	2013DSR001	Issue II Loan - Downtown Erie-Depeyster	-	-	19,760	19,760	-	-	-	19,760	-	-	-	-	-	19,760	
4	2014WRF004	Motor Control Center Replacements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
5	2015CIP009	Leonard / Francis Waterline Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2027
6	2015WTP008	WTP, Paint 500,000 Gallon Elevated Water Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
7	2018CIP012	Sanitary Sewer Televising	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed for higher priorities
8	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,420	4,420	-	-	-	4,420	-	-	-	-	-	4,420	
9	2019CIP004	East Main Street Area Improvements	-	1,600,000	-	1,600,000	-	-	-	1,600,000	1,520,000	-	-	-	1,520,000	80,000	HSP & KSU Funding
10	2019CIP009	Walnut Street - Phase 2 Reconstruction	-	175,200	-	175,200	-	-	42,100	217,300	-	-	-	-	-	217,300	Remaining balance funded by CDBG
11	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,310	12,310	-	-	-	12,310	-	-	-	-	-	12,310	
12	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
13	2019KPD008	Gas Mask Replacement Project	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Move to 2024
14	2020CIP006	North-South Sewer Planning Study	-	-	-	-	-	50,000	-	50,000	-	-	-	-	-	50,000	
15	2020CMD003	Salt Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
16	2020KSS002	Virtualization Software Licensing	-	6,000	-	6,000	-	-	-	6,000	-	-	-	-	-	6,000	
17	2021CIP004	SAC Parking Lot Replacement - Phase 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
18	2021CIP008	Dodge Street Sewer Lining	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed for higher priorities
19	2021CIP016	Sunrise Bridge Rehabilitation	-	90,000	-	90,000	-	-	-	90,000	-	-	-	-	-	90,000	
20	2021CIP020	Columbus Street Parking Lot	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
21	2021CMD008	Brush Chipper	-	45,000	-	45,000	-	-	-	45,000	-	-	-	-	-	45,000	\$45,000 also to come from the Solid Waste Fund (205)
22	2021CMD009	Pavement Repair Truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
23	2021DSR001	City Hall Bond Issue	-	-	460,000	460,000	-	-	-	460,000	-	-	-	-	-	460,000	Appx. \$9.1 Million Bond Issue for 30 Years
24	2022CIP003	Main Street Bridge Lighting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
25	2022CIP008	Gougler/River Streets Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unsuccessful in HSIP Application
26	2022CIP017	Summit/Franklin Intersection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
27	2022CIP018	Alley 8/Alley 10/Parking Lot Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed for higher priorities
28	2022CIP021	Summit Street Waterline Relocation	-	-	-	-	25,000	-	-	25,000	-	-	-	-	-	25,000	
29	2022CIP025	SR 59 Alternative Transportation Improvements	-	740,000	-	740,000	-	-	-	740,000	715,000	-	-	-	715,000	25,000	PARTA/Franklin Twp Joint Project Pursuing HSIP Funding
30	2022CMD008	Storage Facility	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
31	2022KPD004	Fingerprint Machine Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Project Removed
32	2022KSD001	Service Administration Building Remodeling	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
33	2022WRF004	Aeration Basin Rehabilitation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
34	2022WTP003	CO2 Installation and Building	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Project removed for higher priorities

2022 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	2023CIP001	Annual Sidewalk/Street Program - Construction	-	1,000,000	-	1,000,000	-	-	75,000	1,075,000	-	-	-	-	-	1,075,000	
36	2023CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
37	2023CIP004	West Main Street Signalization Study	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
38	2023CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	15,000	-	15,000	-	-	-	15,000	-	-	-	-	-	15,000	
39	2023CIP006	Depeyster & Erie Curb Extension	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
40	2023CIP015	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
41	2023CIP012	2023 Engineering Specifications Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
42	2023CIP013	2023 Engineering Standard Construction Drawing Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
43	2023CIP003	Fairchild-Woodard Signal Upgrade	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
44	2023CIP007	Hudson Road Improvements	-	150,000	-	150,000	-	-	-	150,000	-	-	-	-	-	150,000	City Contribution to Franklin Township Project
45	2023CIP008	N. Mantua St. Improvements	-	800,000	-	800,000	-	-	-	800,000	400,000	-	-	-	400,000	400,000	Davey Tree Funding
46	2023CIP009	W. Summit St. Pedestrian Improvements	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
47	2023CIP010	Decommissioning Yacavona PS	-	-	-	-	-	-	1,000,000	1,000,000	-	-	-	-	-	1,000,000	
48	2023CMD001	CM Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
49	2023CMD002	Pickup truck	-	22,000	-	22,000	10,000	4,000	4,000	40,000	-	-	-	-	-	40,000	
50	2023CMD003	Easement Machine	-	-	-	-	-	65,000	-	65,000	-	-	-	-	-	65,000	
51	2023CMD006	Lead Water Service Replacement	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
52	2023CMD007	Water Meter Van	-	-	-	-	90,000	-	-	90,000	-	-	-	-	-	90,000	
53	2023CMD008	One Ton Dump Truck	-	41,800	-	41,800	29,700	12,100	13,200	96,800	-	-	-	-	-	96,800	\$13,200 also to come from the Solid Waste Fund (205)
54	2023CMD009	Concrete Floor Repair	-	27,500	-	27,500	12,500	5,000	5,000	50,000	-	-	-	-	-	50,000	
55	2023CMD010	E. Main St. - Lead Water Service Replacement	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
56	2023KFD001	Fire Miscellaneous Equipment	45,000	-	-	45,000	-	-	-	45,000	-	-	-	-	-	45,000	
57	2023KFD002	Fire Vehicle Replacement Fund	200,000	-	-	200,000	-	-	-	200,000	-	-	-	-	-	200,000	Backfill amount via working on external sources
58	2023KFD004	Replace F-150 Fire Prevention Pickup Truck #1866	68,000	-	-	68,000	-	-	-	68,000	68,000	-	-	-	68,000	-	
59	2023KFD005	Station 1 - Garage Door Replacement (1/6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed for higher priorities
60	2023KFD003	Dispatch Communications System	13,000	-	-	13,000	-	-	-	13,000	-	-	-	-	-	13,000	
61	2023KFD007	Camera's on Vehicles	45,000	-	-	45,000	-	-	-	45,000	-	-	-	-	-	45,000	
62	2023KFD008	Public Training Facility Study	25,000	25,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
63	2023KFD009	Tanker Truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Postponed
64	2023KFD010	Security Monitoring System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
65	2023KFD011	CrewForce Hardware & Software	43,400	-	-	43,400	-	-	-	43,400	-	-	-	-	-	43,400	
66	2023KFD012	Response Time Study	47,000	-	-	47,000	-	-	-	47,000	-	-	-	-	-	47,000	
67	2023KFD013	Self Contained Breathing Apparatus (SCBA) Washer Extractor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024

2022 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
			68	2023KFD015	Shed for Training Props	5,000	-	-	5,000	-	-	-	5,000	-			-
69	2023KPD001	Police Miscellaneous Equipment	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
70	2023KPD005	Cruiser Replacements (9)	-	430,000	-	430,000	-	-	-	430,000	-	-	-	-	-	430,000	
71	2023KPD003	Gym Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
72	2023KPD004	Opticom Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
73	2023KPD006	Video Arraignment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
74	2023KPD007	BAC Datamaster	-	11,000	-	11,000	-	-	-	11,000	-	-	-	-	-	11,000	
75	2023KSD004	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
76	2023KSS002	Virtual Server Cluster Upgrade	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
77	2023KSS003	Security Infrastructure	-	150,000	-	150,000	20,000	18,000	6,000	194,000	-	-	-	-	-	194,000	\$6,000 also to come from the Solid Waste Fund (205)
78	2023KVM001	VM Miscellaneous Equipment	-	25,000	-	25,000	12,500	12,500	-	50,000	-	-	-	-	-	50,000	
79	2023KVM002	Tire Storage	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
80	2023PR007	Portage Mill Race Segment - Phase 1	-	200,000	-	200,000	-	-	-	200,000	200,000	-	-	-	200,000	-	State Capital Funding
81	2023WRF001	WRF, Misc. Plant Equipment	-	-	-	-	-	70,000	-	70,000	-	-	-	-	-	70,000	
82	2023WRF003	Rehabilitate #1 Primary Clarifier	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2022 and funded by local ARPA (138)
83	2023WRF004	Replace Mechanical System of Detritus Tank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Incorporated into future project
84	2023WRF005	Pickup truck	-	-	-	-	-	50,000	-	50,000	-	-	-	-	-	50,000	
85	2023WRF006	Belt Press Conveyor	-	-	-	-	-	185,000	-	185,000	-	-	-	-	-	185,000	
86	2023WRF007	Return Pumps	-	-	-	-	-	50,000	-	50,000	-	-	-	-	-	50,000	
87	2023WRF008	Plant Sump Pumps	-	-	-	-	-	15,000	-	15,000	-	-	-	-	-	15,000	
88	2023WRF009	WRF Fork Lift	-	-	-	-	-	16,500	-	16,500	-	-	-	-	-	16,500	
89	2023WRF010	WRF Lab Autoclave	-	-	-	-	-	10,000	-	10,000	-	-	-	-	-	10,000	
90	2023WRF011	WRF Lab Incubator	-	-	-	-	-	6,000	-	6,000	-	-	-	-	-	6,000	
91	2023WTP001	WTP, Misc. Plant Equipment	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
92	2023WTP003	Tank Cleaning and Inspection	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
93	2023WTP004	Filter Actuator Replacement	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	Project scope revisions to meet current needs
94	2023WTP007	Wellfield Maintenance Agreement	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
95	2023WTP008	Tires for Loader	-	-	-	-	8,000	-	-	8,000	-	-	-	-	-	8,000	
96	2023WTP009	Wellfield Generator Storage Structure	-	-	-	-	15,000	-	-	15,000	-	-	-	-	-	15,000	
97	2023WTP010	Well 12 Rehabilitation	-	-	-	-	450,000	-	-	450,000	-	-	-	-	-	450,000	
98	2023UB001	Utility Billing Software Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2022
99	2023KSS004	Server Battery Replacement S/T/B here?	-	17,000	-	17,000	-	-	-	17,000	-	-	-	-	-	17,000	
100	2025CMD003	Vehicle Storage Fire Suppression System	-	38,000	-	38,000	27,000	11,000	12,000	88,000	-	-	-	-	-	88,000	\$12,000 also to come from the Solid Waster Fund (205)
101	2025CMD007	Basin Repair Trailer	-	-	-	-	-	-	50,000	50,000	-	-	-	-	-	50,000	

2022 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
102	2025WTP008	SCADA Upgrades	-	-	-	-	50,000	60,000	-	110,000						110,000	
103	2021DSR002	Issue II Loan - St Route 43 Traffic Impvmt	-	-	800	800	-	-	-	800						800	
2022 CIP Program Funding Totals for 2023:			\$ 491,400	\$ 5,813,500	\$ 522,290	\$ 6,827,190	\$ 1,274,700	\$ 3,865,100	\$ 307,300	\$ 12,274,290	\$ 2,903,000	\$ -	\$ 1,167,000	\$ -	\$ 4,070,000	\$ 8,204,290	
Check Figures			\$ 6,827,190						\$ 12,274,290					\$ 4,070,000	\$ 8,204,290		

Legend:

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

General Government Funds Summary Analysis		2022 for 2023
		CAP
Total Fire/EMS =	\$	491,400
Total Cap. Proj. =		5,813,500
Total Fire/EMS plus Cap. Proj. =	\$	6,304,900
Total Debt Service =		522,290
Total General Government =	\$	6,827,190
Total Grants for Cap. Projects and Proceeds from Note/Bond =		2,903,000
Total General Government Funds minus Grants & Note/Bond =	\$	3,924,190
Charter Target Estimate =		3,984,361
Net General Government MINUS Target =	\$	(60,171)

Total General Government Funds minus Grants & Note/Bond =	\$	3,924,190
Total Water Funds minus Grants =		1,274,700
Total Sanitary Funds minus Grants =		2,698,100
Total Storm Funds minus Grants =		307,300
Total Local Funds Cost =	\$	8,204,290

Total Water Funds =	\$	1,274,700
Total Water Grants =		-
Total Water Funds minus Grants =	\$	1,274,700
Total Sanitary Funds =	\$	3,865,100
Total Sanitary Grants =		1,167,000
Total Sanitary Funds minus Grants =	\$	2,698,100
Total Storm Funds =	\$	307,300
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	307,300

2022 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	2011WTP004	Wellfield Development	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	
2	2013DSR001	Issue II Loan - Downtown Erie-Depeyster	-	-	19,760	19,760	-	-	-	19,760	-	-	-	-	-	19,760	Moved to 2025
3	2014WRF004	Motor Control Center Replacement	-	-	-	-	-	100,000	-	100,000	-	-	-	-	-	100,000	
4	2015CIP017	Rellim, Lincoln & Bowman Area Waterline Study	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
5	2015WTP008	WTP, Paint 500,000 Gallon Elevated Water Tank	-	-	-	-	750,000	-	-	750,000	-	-	-	-	-	750,000	Potential OPWC Funding
6	2024CIP016	Sanitary Sewer Televising	-	-	-	-	-	100,000	-	100,000	-	-	-	-	-	100,000	
7	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
8	2019CIP004	East Main Street Area Improvements	-	17,300,000	-	17,300,000	100,000	-	2,000,000	19,400,000	15,400,000	50,000	-	1,000,000	16,450,000	2,950,000	ODOT/AMATS/KSU Funded
9	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,310	12,310	-	-	-	12,310	-	-	-	-	-	12,310	
10	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
11	2021DSR002	Issue II Loan - St Route 43 Traffic Impvmt	-	-	800	800	-	-	-	800	-	-	-	-	-	800	
12	2020CMD003	Salt Storage	-	305,000	-	305,000	-	-	-	305,000	-	-	-	-	-	305,000	
13	2021CIP016	Sunrise Bridge Rehabilitation	-	650,000	-	650,000	-	-	-	650,000	612,297	-	-	-	612,297	37,703	Received Municiple Bridge Funding (\$612,297)
14	2021CMD003	Fork Lift	-	20,000	-	20,000	5,000	5,000	-	30,000	-	-	-	-	-	30,000	
15	2021DSR001	City Hall Bond Issue	-	-	461,000	461,000	-	-	-	461,000	-	-	-	-	-	461,000	Appx. \$9.1 Million Bond Issue for 30 Years
16	2021KFD003	Tower 1819 Replacement	1,500,000	-	-	1,500,000	-	-	-	1,500,000	1,500,000	-	-	-	1,500,000	-	Moved Up from 2026
17	2021KSD002	Standing Rock Cemetary Wall Replacement	-	170,000	-	170,000	-	-	-	170,000	-	-	-	-	-	170,000	
18	2021WTP004	Replace Kenworth Dump Truck	-	-	-	-	275,000	-	-	275,000	-	-	-	-	-	275,000	
19	2022CIP003	Main Street Bridge Lighting	-	180,000	-	180,000	-	-	-	180,000	-	-	-	-	-	180,000	
20	2022CIP007	Harris Street Sanitary Sewer Lining	-	-	-	-	-	150,000	-	150,000	-	-	-	-	-	150,000	
21	2022CIP017	Summit/Franklin Intersection	-	100,000	-	100,000	-	-	-	100,000	-	-	-	-	-	100,000	
22	2022KSD001	Service Administration Building Remodeling	-	35,000	-	35,000	5,000	5,000	5,000	50,000	-	-	-	-	-	50,000	
23	2022WRF004	Aeration Basin Rehabilitation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2026
24	2022WTP004	Mogadore Tank Painting & Rehabilitation	-	-	-	-	70,000	-	-	70,000	-	-	-	-	-	70,000	
25	2023CIP004	West Main Street Signalization Study	-	25,000	-	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
26	2023CIP006	Depeyster & Erie Curb Extensions	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
27	2023CMD005	Snow Plow	-	225,000	-	225,000	-	-	-	225,000	-	-	-	-	-	225,000	
28	2023KPD003	Gym Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
29	2023KVM004	Floor Repair	-	9,000	-	9,000	3,000	3,000	-	15,000	-	-	-	-	-	15,000	
30	2023WRF003	Rehabilitate #1 Primary Clarifier	-	-	-	-	-	450,000	-	450,000	-	-	-	-	-	450,000	Potential OPWC Funding
31	2024CIP001	Annual Sidewalk/Street Program - Construction	-	1,600,000	-	1,600,000	-	-	75,000	1,675,000	-	-	-	-	-	1,675,000	
32	2024CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
33	2024CIP004	Water Meter Replacement	-	-	-	-	250,000	-	-	250,000	-	-	-	-	-	250,000	
34	2024CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	

2022 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	2024CIP012	2024 Engineering Specifications Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-			-
36	2024CIP013	2024 Engineering Standard Construction Drawing Update	-	12,500	-	12,500	12,500	12,500	12,500	50,000	-	-	-	-	-	50,000	
37	2024CIP006	SAC Parking Lot - Phase 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2026
38	2024CIP015	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
39	2024CMD001	CM Miscellaneous Equipment	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
40	2024CMD002	Pickup truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
41	2024CMD003	Sewer Jet	-	220,000	-	220,000	110,000	110,000	110,000	550,000	-	-	-	-	-	550,000	
42	2024CMD006	Lead Water Service Replacement	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
43	2024CMD010	E. Main St. Lead Water Service Replacement	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
44	2024ENG001	Vehicle Replacement	-	22,000	-	22,000	6,000	6,000	6,000	40,000	-	-	-	-	-	40,000	
45	2024KFD001	Fire Miscellaneous Equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
46	2024KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
47	2024KFD010	Station 1 - Garage Door Replacement (2/6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed for Higher Priorities
48	2024KFD003	Dispatch Communications System	13,000	-	-	13,000	-	-	-	13,000	-	-	-	-	-	13,000	
49	2024KFD005	2004 Seagrave Engine Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2022
50	2024KFD006	Air Boat - Water Rescue	20,000	-	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
51	2024KFD007	Station 1 Renovations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2025
52	2024KFD008	Tools and Equipment for new Engine	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
53	2024KFD009	Replace Med Unit	220,000	-	-	220,000	-	-	-	220,000	220,000	-	-	-	220,000	-	
54	2026KFD005	Fire Chief Vehicle Replacement	52,000	-	-	52,000	-	-	-	52,000	52,000	-	-	-	52,000	-	Paramedicine to use existing vehicle - Moved from 2023
55	2003KFD013	Self Contained Breathing Apparatus (SCBA) Washer Extractor	48,000	-	-	48,000	-	-	-	48,000	-	-	-	-	-	48,000	Moved from 2023
56	2024KPD001	Police Miscellaneous Equipment	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
57	2024KPD006	Taser Replacements (16)	-	25,000	-	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
58	2019KPD008	Gas Mask Replacement Project	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	Moved from 2023
59	2023KPD006	Video Arraignment	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Moved from 2023
60	2024KSD004	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
61	2024KSS001	Website Redesign	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
62	2024KSS002	Server Infrastructure Replacement	-	225,000	-	225,000	30,000	27,000	9,000	291,000	-	-	-	-	-	291,000	\$9,000 also to come from the Solid Waste Fund (205)
63	2024KSS003	Phone System Server	-	8,000	-	8,000	-	-	-	8,000	-	-	-	-	-	8,000	
64	2024KVM001	VM Miscellaneous Equipment	-	15,000	-	15,000	7,500	7,500	-	30,000	-	-	-	-	-	30,000	
65	2024WRF001	WRF, Misc. Plant Equipment	-	-	-	-	-	70,000	-	70,000	-	-	-	-	-	70,000	
66	2024WRF004	Press Rehabilitation	-	-	-	-	-	40,000	-	40,000	-	-	-	-	-	40,000	
67	2024WRF005	Effluent Area Valve Rehabilitation	-	-	-	-	-	30,000	-	30,000	-	-	-	-	-	30,000	
68	2024WRF006	Lab Vehicle	-	-	-	-	-	40,000	-	40,000	-	-	-	-	-	40,000	

2022 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
69	2024WTP001	WTP, Misc. Plant Equipment	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
70	2024WTP004	Replace 1-ton Dump Truck	-	-	-	-	75,000	-	-	75,000	-	-	-	-	-	75,000	
71	2024WTP005	Roof Repairs	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
72	2024WTP007	Well Field Maintenance Agreement	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
73	2025KPD002	Replace 2010 Dodge Caravan	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
2022 CIP Program Funding Totals for 2024:			\$ 2,253,000	\$ 21,404,000	\$ 523,295	\$ 24,180,295	\$ 3,111,500	\$ 1,168,500	\$ 2,305,000	\$ 30,765,295	\$ 17,784,297	\$ 50,000	\$ -	\$ 1,000,000	\$ 18,834,297	\$ 11,930,998	
Check Figures			\$ 24,180,295					\$ 30,765,295			\$ 18,834,297			\$ 11,930,998			

Legend:

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

General Government Funds Summary Analysis		2022 for 2024
		CAP
Total Fire/EMS =	\$	2,253,000
Total Cap. Proj. =		21,404,000
Total Fire/EMS plus Cap. Proj. =	\$	23,657,000
Total Debt Service =		523,295
Total General Government =	\$	24,180,295
Total Grants for Cap. Projects and Proceeds from Note/Bond =		17,784,297
Total General Government Funds minus Grants & Note/Bond =	\$	6,395,998
Charter Target Estimate =		4,024,205
Net General Government MINUS Target =	\$	2,371,793

Total General Government Funds minus Grants & Note/Bond =	\$	6,395,998
Total Water Funds minus Grants =		3,061,500
Total Sanitary Funds minus Grants =		1,168,500
Total Storm Funds minus Grants =		1,305,000
Total Local Funds Cost =	\$	11,930,998

Total Water Funds =	\$	3,111,500
Total Water Grants =		50,000
Total Water Funds minus Grants =	\$	3,061,500
Total Sanitary Funds =	\$	1,168,500
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	1,168,500
Total Storm Funds =	\$	2,305,000
Total Storm Grants =		1,000,000
Total Storm Funds minus Grants =	\$	1,305,000

2022 CIP for Year 2025

Row No	Proj. No.	Project Name	2025 Programmed Funding*							2025 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
1	2013DSR001	Issue II Loan - Downtown Erie-Depeyster	\$ -	\$ -	\$ 19,760	\$ 19,760	\$ -	\$ -	\$ -	\$ 19,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,760	
2	2014WRF004	Motor Control Center Replacement	-	-	-	-	-	750,000	-	750,000	-	-	-	-	-	750,000	Potential OPWC Funding
3	2015CIP009	Leonard/Francis Waterline Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Postponed due to higher priorities
4	2015CIP017	Rellim, Lincoln & Bowman Area Water Line Improvements	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
5	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
6	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,310	12,310	-	-	-	12,310	-	-	-	-	-	12,310	
7	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
8	2021DSR002	Issue II Loan - St Route 43 Traffic Impvmt	-	-	800	800	-	-	-	800	-	-	-	-	-	800	
9	2021CIP004	SAC Parking Lot Replacement - Phase 1	-	161,000	-	161,000	23,000	23,000	23,000	230,000	-	-	-	-	-	230,000	
10	2021CMD009	Pavement Repair Truck	-	300,000	-	300,000	-	-	-	300,000	-	-	-	-	-	300,000	
11	2021DSR001	City Hall Bond Issue	-	-	456,550	456,550	-	-	-	456,550	-	-	-	-	-	456,550	Appx. \$9.1 Million Bond Issue for 30 Years
12	2022CIP008	Gougler/River Street Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unsuccessful in HSIP Application
13	2022CIP026	Riverside Court Watermain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
14	2022CMD008	Storage Facility	-	40,000	-	40,000	20,000	20,000	20,000	100,000	-	-	-	-	-	100,000	
15	2022KSD001	Service Administration Building Renovations	-	140,000	-	140,000	20,000	20,000	20,000	200,000	-	-	-	-	-	200,000	
16	2022WRF004	Aeration Basin Rehabilitation	-	-	-	-	-	65,000	-	65,000	-	-	-	-	-	65,000	
17	2022WTP004	Mogadore Tank Painting and Rehabilitation	-	-	-	-	750,000	-	-	750,000	-	-	-	-	-	750,000	Possible OPWC Funding
18	2023CIP006	Depeyster & Erie Curb Extensions	-	250,000	-	250,000	-	-	-	250,000	-	-	-	-	-	250,000	
19	2023CMD004	Electrical Repair Van	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
20	2023CMD006	Water Repair Van	-	-	-	-	175,000	-	-	175,000	-	-	-	-	-	175,000	
21	2023KVM002	Tire Storage	-	15,000	-	15,000	5,000	5,000	-	25,000	-	-	-	-	-	25,000	
22	2024CMD004	One Ton Dump Truck	-	41,800	-	41,800	29,700	12,100	13,200	96,800	-	-	-	-	-	96,800	\$13,200 also to come from the Solid Waste Fund (205)
23	2024CMD005	Push Camera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
24	2024KFD007	Station 1 Renovations	190,000	-	-	190,000	-	-	-	190,000	-	-	-	-	-	190,000	
25	2025CIP001	Annual Sidewalk/Street Program - Construction	-	1,600,000	-	1,600,000	-	-	75,000	1,675,000	-	-	-	-	-	1,675,000	
26	2025CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
27	2025CIP016	Sanitary Sewer Televising	-	-	-	-	-	100,000	-	100,000	-	-	-	-	-	100,000	
28	2025CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
29	2025CIP015	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
30	2025CIP006	Erin Drive Waterline	-	-	-	-	75,000	-	-	75,000	-	-	-	-	-	75,000	
31	2025CMD001	CM Miscellaneous Equipment	-	42,000	-	42,000	-	-	-	42,000	-	-	-	-	-	42,000	
32	2025CMD003	Vehicle Storage Fire Suppression System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
33	2025CMD004	Central Maintenance Managers Pickup Trucks (2)	-	28,000	-	28,000	17,500	17,500	7,000	70,000	-	-	-	-	-	70,000	
34	2025CMD005	Locker Room Renovation	-	12,000	-	12,000	7,500	7,500	3,000	30,000	-	-	-	-	-	30,000	

2022 CIP for Year 2025

Row No	Proj. No.	Project Name	2025 Programmed Funding*							2025 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
35	2025CMD006	Leaf Truck	-	220,000	-	220,000	-	-	20,000	240,000	-	-	-	-	-	240,000	\$20k also to come from the Solid Waste Fund (205)
36	2025CMD007	Basin Repair Trailer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
37	2025CMD006	Lead Water Service Replacement	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
38	2025KFD001	Fire Miscellaneous Equipment	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
39	2025KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
40	2025KFS007	Station 1 Light Vehicle Replacement	65,000	-	-	65,000	-	-	-	65,000	65,000	-	-	65,000	-	-	
41	2025KFD003	Dispatch Communication System	13,000	-	-	13,000	-	-	-	13,000	-	-	-	-	-	13,000	
42	2025KFD006	Replace Med Unit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2026
43	2025KFD004	Gear Dryer	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
44	2025KFD005	Replace Garage Doors	150,000	-	-	150,000	-	-	-	150,000	-	-	-	-	-	150,000	
45	2025KPD001	Police Miscellaneous Equipment	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
46	2025KPD003	Replace 2008 F350 Prisoner Transport	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
47	2025KPD004	K-9 Acquisition/Training (Replace Janik)	-	15,000	-	15,000	-	-	-	15,000	-	-	-	-	-	15,000	
48	2025KPD006	Taser Replacement	-	27,000	-	27,000	-	-	-	27,000	-	-	-	-	-	27,000	
49	2025KPD007	Unmarked Car Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
50	2025KPD008	HVAC Humidity Resolution	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
51	2025KSD004	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
52	2025KSS002	AntiVirus System Replacement	-	20,000	-	20,000	-	-	-	20,000	-	-	-	-	-	20,000	
53	2025KVM001	Locker Room Renovation	-	9,000	-	9,000	3,000	3,000	-	15,000	-	-	-	-	-	15,000	
54	2025KVM001	VM Miscellaneous Equipment	-	15,000	-	15,000	7,500	7,500	-	30,000	-	-	-	-	-	30,000	
55	2025WRF001	WRF, Misc. Plant Equipment	-	-	-	-	-	70,000	-	70,000	-	-	-	-	-	70,000	
56	2025WTP001	WTP, Misc. Plant Equipment	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
57	2025WTP003	Replace Interior Plumbing at WTP	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
58	2025WTP007	Wellfield Maintenance Agreement	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
59	2025WTP008	SCADA Upgrades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
2022 CIP Program Funding Totals for 2025:			\$ 868,000	\$ 3,105,800	\$ 518,845	\$ 4,492,645	\$ 1,533,200	\$ 1,100,600	\$ 256,200	\$ 7,382,645	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000	\$ 7,317,645	
			Check Figures \$ 4,492,645							\$ 7,382,645					\$ 65,000 \$ 7,317,645		

2022 CIP for Year 2025

Row No	Proj. No.	Project Name	2025 Programmed Funding*							2025 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm		

Legend:

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

General Government Funds Summary Analysis		2022 for 2025
		CAP
Total Fire/EMS =	\$	868,000
Total Cap. Proj. =		3,105,800
Total Fire/EMS plus Cap. Proj. =	\$	3,973,800
Total Debt Service =		518,845
Total General Government =	\$	4,492,645
Total Grants for Cap. Projects and Proceeds from Note/Bond =		65,000
Total General Government Funds minus Grants & Note/Bond =	\$	4,427,645
Charter Target Estimate =		4,064,447
Net General Government MINUS Target =	\$	363,198

Total General Government Funds minus Grants & Note/Bond =	\$	4,427,645
Total Water Funds minus Grants =		1,533,200
Total Sanitary Funds minus Grants =		1,100,600
Total Storm Funds minus Grants =		256,200
Total Local Funds Cost =	\$	7,317,645

Total Water Funds =	\$	1,533,200
Total Water Grants =		-
Total Water Funds minus Grants =	\$	1,533,200
Total Sanitary Funds =	\$	1,100,600
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	1,100,600
Total Storm Funds =	\$	256,200
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	256,200

2022 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	2015CIP017	Rellim, Lincoln & Bowman Area Waterline	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
3	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	4,425	-	-	-	-	-	4,425	
4	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,310	12,310	-	-	-	12,310	-	-	-	-	-	12,310	
5	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	25,000	-	-	-	-	-	25,000	
6	2021DSR001	City Hall Bond Issue	-	-	457,000	457,000	-	-	-	457,000	-	-	-	-	-	457,000	Appx. \$9.1 Million Bond Issue for 30 Years
7	2021DSR002	Issue II Loan - St Route 43 Traffic Impvmt	-	-	800	800	-	-	-	800	-	-	-	-	-	800	
8	2021KFD003	Tower 1819 Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2024
9	2022CIP025	SR 59 Alternative Transportation Improvements	-	4,480,000	-	4,480,000	-	-	-	4,480,000	-	-	-	-	-	4,480,000	PARTA/Franklin Twp Joint Project Pursuing Grant Funding
10	2022CIP026	Riverside Court Water Main	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
11	2022WRF004	Aeration Basin Rehabilitation	-	-	-	-	-	600,000	-	600,000	-	-	-	-	-	600,000	
12	2024CIP006	SAC Parking Lot - Phase 2	-	196,000	-	196,000	28,000	28,000	28,000	280,000	-	-	-	-	-	280,000	
13	2024CMD006	Asphalt Roller	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
14	2024KPD002	Parking System Tablets	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
15	2025CMD008	Asphalt Hot Box Trailer	-	35,000	-	35,000	-	-	-	35,000	-	-	-	-	-	35,000	
16	2025KFD006	Replace Med Unit	225,000	-	-	225,000	-	-	-	225,000	225,000	-	-	-	225,000	-	
17	2025WTP002	Lime Slacker Including Installation	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
18	2025WTP003	Replace Interior Plumbing at WTP	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
19	2026CIP001	Annual Sidewalk/Street Program - Construction	-	1,600,000	-	1,600,000	-	-	75,000	1,675,000	-	-	-	-	-	1,675,000	
20	2026CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
21	2026CIP016	Sanitary Sewer Televising	-	-	-	-	-	100,000	-	100,000	-	-	-	-	-	100,000	
22	2026CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	40,000	-	40,000	-	-	-	40,000	-	-	-	-	-	40,000	
23	2026CIP007	Storm Sewer Televising	-	-	-	-	-	-	75,000	75,000	-	-	-	-	-	75,000	
24	2026CMD001	CM Miscellaneous Equipment	-	42,000	-	42,000	-	-	-	42,000	-	-	-	-	-	42,000	
25	2026CMD002	Snow Plow	-	225,000	-	225,000	-	-	-	225,000	-	-	-	-	-	225,000	
26	2026CMD003	Excavator	-	31,250	-	31,250	31,250	31,250	31,250	125,000	-	-	-	-	-	125,000	
27	2026CMD004	Chipper	-	85,000	-	85,000	-	-	-	85,000	-	-	-	-	-	85,000	
28	2026CMD005	Pickup Truck	-	-	-	-	20,000	20,000	-	40,000	-	-	-	-	-	40,000	
29	2026CMD007	Leaf Vacuum Truck	-	275,000	-	275,000	-	-	-	275,000	-	-	-	-	-	275,000	
30	2026CMD006	Lead Water Service Line Replacements	-	-	-	-	52,000	-	-	52,000	-	-	-	-	-	52,000	
31	2026KFD003	Dispatch Communication System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
32	2026KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	350,000	-	-	-	-	-	350,000	
33	2026KFD004	Explorer Car 2	55,000	-	-	55,000	-	-	-	55,000	55,000	-	-	-	55,000	-	
34	2026KFD005	Fire Chief Response Vehicle Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023

2022 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
35	2026KFD005	Tools & Equipment for new Ladder Tower	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Removed
36	2026KFS001	Fire Miscellaneous Equipment	50,000	-	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
37	2026KFD005	Replace Garage Doors - Phase II	150,000	-	-	150,000	-	-	-	150,000	-	-	-	-	-	150,000	
38	2026KPD001	Police Miscellaneous Equipment	-	50,000	-	50,000	-	-	-	50,000	-	-	-	-	-	50,000	
39	2026KPD002	Mobile Data Terminals	-	100,000	-	100,000	-	-	-	100,000	-	-	-	-	-	100,000	
40	2026KPD007	Unmarked Car Replacement	-	30,000	-	30,000	-	-	-	30,000	-	-	-	-	-	30,000	
41	2026KPD005	Helmets	-	36,000	-	36,000	-	-	-	36,000	-	-	-	-	-	36,000	
42	2026KSD004	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
43	2026KSS002	User Workstation Replacement	-	262,500	-	262,500	35,000	31,500	10,500	339,500	-	-	-	-	-	339,500	\$10,500 also to come from the Solid Waste Fund (205)
44	2026KSS004	Server/Communications Battery Replacement	-	41,250	-	41,250	5,500	4,950	1,650	53,350	-	-	-	-	-	53,350	\$1,650 also to come from the Solid Waste Fund (205)
45	2026KVM001	VM Miscellaneous Equipment	-	15,000	-	15,000	7,500	7,500	-	30,000	-	-	-	-	-	30,000	
46	2026KVM002	Truck Lifts	-	31,000	-	31,000	8,000	5,000	6,000	50,000	-	-	-	-	-	50,000	
47	2026WRF001	WRF, Misc. Plant Equipment	-	-	-	-	-	70,000	-	70,000	-	-	-	-	-	70,000	
48	2026WTP001	WTP, Misc. Plant Equipment	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
49	2026WTP002	Replace F-250 Pickup	-	-	-	-	70,000	-	-	70,000	-	-	-	-	-	70,000	
50	2026WTP003	Wellfield Exploration/Rate Study	-	-	-	-	400,000	-	-	400,000	-	-	-	-	-	400,000	
51	2026WTP007	Wellfield Maintenance Agreement	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
52	2026WTP005	SCADA Upgrades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Moved to 2023
53	2026WTP003	Tank Cleaning and Inspection	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
2022 CIP Program Funding Totals for 2026:			\$ 830,000	\$ 7,630,000	\$ 509,435	\$ 8,969,435	\$ 1,357,250	\$ 898,200	\$ 227,400	\$ 11,452,285	\$ 280,000	\$ -	\$ -	\$ -	\$ 280,000	\$ 11,172,285	

Check Figures \$ 8,969,435

\$ 11,452,285

\$ 280,000 \$ 11,172,285

2022 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		

Legend:

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

General Government Funds Summary Analysis		2022 for 2026
		CAP
Total Fire/EMS =	\$	830,000
Total Cap. Proj. =		7,630,000
Total Fire/EMS plus Cap. Proj. =	\$	8,460,000
Total Debt Service =		509,435
Total General Government =	\$	8,969,435
Total Grants for Cap. Projects and Proceeds from Note/Bond =		280,000
Total General Government Funds minus Grants & Note/Bond =	\$	8,689,435
Charter Target Estimate =		4,105,091
Net General Government MINUS Target =	\$	4,584,344

Total General Government Funds minus Grants & Note/Bond =	\$	8,689,435
Total Water Funds minus Grants =		1,357,250
Total Sanitary Funds minus Grants =		898,200
Total Storm Funds minus Grants =		227,400
Total Local Funds Cost =	\$	11,172,285

Total Water Funds =	\$	1,357,250
Total Water Grants =		-
Total Water Funds minus Grants =	\$	1,357,250
Total Sanitary Funds =	\$	898,200
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	898,200
Total Storm Funds =	\$	227,400
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	227,400

2022 CIP for Year 2027

Row No	Proj. No.	Project Name	2027 Programmed Funding*								2027 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
2	2015CIP009	Leonard/Francis Waterline Replacement	-	-	-	-	150,000	-	-	-	150,000	-	-	-	-	-	150,000	
3	2018DSR001	Issue II Loan - Rockwell-Wittier-Woodard Streets	-	-	4,425	4,425	-	-	-	-	4,425	-	-	-	-	-	4,425	
4	2019DSR001	Issue II Loan - S Chestnut-Middlebury Road	-	-	12,310	12,310	-	-	-	-	12,310	-	-	-	-	-	12,310	
5	2019DSR002	Issue II Loan - E Summit St Improvement	-	-	25,000	25,000	-	-	-	-	25,000	-	-	-	-	-	25,000	
6	2021DSR001	City Hall Bond Issue	-	-	457,000	457,000	-	-	-	-	457,000	-	-	-	-	-	457,000	Appx. \$9.1 Million Bond Issue for 30 Years
7	2021DSR002	Issue II Loan - St Route 43 Traffic Impvmt	-	-	800	800	-	-	-	-	800	-	-	-	-	-	800	
8	2027CIP001	Annual Sidewalk/Street Program - Construction	-	1,600,000	-	1,600,000	-	-	75,000	-	1,675,000	-	-	-	-	-	1,675,000	
9	2027CIP002	Sidewalk Street Tree Damage Repairs	-	5,000	-	5,000	-	-	-	-	5,000	-	-	-	-	-	5,000	Added per KCC 6/17/15
10	2027CIP016	Sanitary Sewer Televising	-	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
11	2027CIP005	Miscellaneous Active Transportation Improvements (Bike, pedestrian and transit)	-	40,000	-	40,000	-	-	-	-	40,000	-	-	-	-	-	40,000	
12	2027CIP007	Storm Sewer Televising	-	-	-	-	-	-	75,000	-	75,000	-	-	-	-	-	75,000	
13	2023CIP009	N. Mantua St. Improvements	-	5,000,000	-	5,000,000	-	-	-	-	5,000,000	-	-	-	-	-	5,000,000	Potential Grant Funding
14	2027CMD001	CM Miscellaneous Equipment	-	42,000	-	42,000	-	-	-	-	42,000	-	-	-	-	-	42,000	
15	2027CMD006	Lead Water Service Replacements	-	-	-	-	52,000	-	-	-	52,000	-	-	-	-	-	52,000	
16	2027CMD003	Concrete Trailer	-	8,750	-	8,750	8,750	8,750	8,750	-	35,000	-	-	-	-	-	35,000	
17	2027CMD004	One Ton Dump Truck	-	43,700	-	43,700	31,050	12,650	13,800	-	101,200	-	-	-	-	-	101,200	\$13,800 also to come from the Solid Waste Fund (205)
18	2027CMD005	Paint Machine	-	50,000	-	50,000	-	-	-	-	50,000	-	-	-	-	-	50,000	
19	2027CMD007	Tracing Machine	-	25,000	-	25,000	-	-	-	-	25,000	-	-	-	-	-	25,000	
20	2027CMD008	Small Tractor	-	75,000	-	75,000	-	-	-	-	75,000	-	-	-	-	-	75,000	
21	2027CMD009	Valve Turner	-	-	-	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
22	2027CMD010	Citywide Water Main Leak Detection	-	-	-	-	75,000	-	-	-	75,000	-	-	-	-	-	75,000	
23	2027CMD011	Water Quality Improvements	-	-	-	-	75,000	-	-	-	75,000	-	-	-	-	-	75,000	
24	2027CMD012	Loader	-	114,000	-	114,000	81,000	33,000	36,000	-	264,000	-	-	-	-	-	264,000	\$36,000 also to come from the Solid Waste Fund (205)
25	2027CMD013	Camera Van	-	-	-	-	-	125,000	125,000	-	250,000	-	-	-	-	-	250,000	
26	2027CMD014	Portable Shoring Trailer	-	-	-	-	15,000	7,500	7,500	-	30,000	-	-	-	-	-	30,000	
27	2027KFD001	Fire Miscellaneous Equipment	55,000	-	-	55,000	-	-	-	-	55,000	-	-	-	-	-	55,000	
28	2027KFD002	Fire Vehicle Replacement Fund	350,000	-	-	350,000	-	-	-	-	350,000	-	-	-	-	-	350,000	
29	2027KFD004	Fire Engine Replacement	1,000,000	-	-	1,000,000	-	-	-	-	1,000,000	1,000,000	-	-	-	1,000,000	-	
30	2027KFD003	Water Rescue Truck	400,000	-	-	400,000	-	-	-	-	400,000	400,000	-	-	-	400,000	-	
31	2027KPD001	Police Miscellaneous Equipment	-	50,000	-	50,000	-	-	-	-	50,000	-	-	-	-	-	50,000	
32	2027KPD002	Recorder	-	55,000	-	55,000	-	-	-	-	55,000	-	-	-	-	-	55,000	
33	2027KPD007	Unmarked Car Replacement	-	30,000	-	30,000	-	-	-	-	30,000	-	-	-	-	-	30,000	

2022 CIP for Year 2027

Row No	Proj. No.	Project Name	2027 Programmed Funding*							2027 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
34	2027KPD008	Body Cameras	-	300,000	-	300,000	-	-	-	300,000	-	-	-	-	-	300,000	
35	2027KPD005	Cruiser Replacement	-	715,000	-	715,000	-	-	-	715,000	-	-	-	-	-	715,000	
36	2027KSD003	Misc. Roadway Lighting Equipment	-	10,000	-	10,000	-	-	-	10,000	-	-	-	-	-	10,000	
37	2027KSS002	Central Security System	-	48,750	-	48,750	6,500	5,850	1,950	63,050	-	-	-	-	-	63,050	\$1,950 also to come from the Solid Waste Fund (205)
38	2027KVM001	VM Miscellaneous Equipment	-	15,000	-	15,000	7,500	7,500	-	30,000	-	-	-	-	-	30,000	
39	2027KVM002	Truck Lifts	-	31,000	-	31,000	8,000	5,000	6,000	50,000	-	-	-	-	-	50,000	
40	2027WRF001	WRF, Misc. Plant Equipment	-	-	-	-	-	70,000	-	70,000	-	-	-	-	-	70,000	
41	2027WTP001	WTP, Misc. Plant Equipment	-	-	-	-	50,000	-	-	50,000	-	-	-	-	-	50,000	
42	2027WTP003	Generator	-	-	-	-	400,000	-	-	400,000	-	-	-	-	-	400,000	
43	2027WTP004	Floculator Rehabilitation	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
44	2027WTP007	Wellfield Maintenance Agreement	-	-	-	-	100,000	-	-	100,000	-	-	-	-	-	100,000	
45	2027WTP005	Lime Soda Storage System	-	-	-	-	150,000	-	-	150,000	-	-	-	-	-	150,000	
2022 CIP Program Funding Totals for 2027:			\$ 1,805,000	\$ 8,258,200	\$ 499,535	\$ 10,562,735	\$ 1,369,800	\$ 375,250	\$ 349,000	\$ 12,656,785	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 1,400,000	\$ 11,256,785	
			Check Figures \$ 10,562,735					\$ 12,656,785					\$ 1,400,000		\$ 11,256,785		

Legend:

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

General Government Funds Summary Analysis		2022 for 2027
		CAP
Total Fire/EMS =	\$	1,805,000
Total Cap. Proj. =		8,258,200
Total Fire/EMS plus Cap. Proj. =	\$	10,063,200
Total Debt Service =		499,535
Total General Government =	\$	10,562,735
Total Grants for Cap. Projects and Proceeds from Note/Bond =		1,400,000
Total General Government Funds minus Grants & Note/Bond =	\$	9,162,735
Charter Target Estimate =		4,146,142
Net General Government MINUS Target =	\$	5,016,593

Total Water Funds =	\$	1,369,800
Total Water Grants =		-
Total Water Funds minus Grants =	\$	1,369,800
Total Sanitary Funds =	\$	375,250
Total Sanitary Grants =		-
Total Sanitary Funds minus Grants =	\$	375,250
Total Storm Funds =	\$	349,000
Total Storm Grants =		-
Total Storm Funds minus Grants =	\$	349,000

Total General Government Funds minus Grants & Note/Bond =	\$	9,162,735
Total Water Funds minus Grants =		1,369,800
Total Sanitary Funds minus Grants =		375,250
Total Storm Funds minus Grants =		349,000
Total Local Funds Cost =	\$	11,256,785

**2022 CAP PLAN UPDATE
2022 - 2027 Project Descriptions**

Item #	Project #	Description The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.	CAPITAL PROJECTS					6-Year Total 2022 - 2027	
			2022	2023	2024	2025	2026		2027
	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.	\$ 22,950	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,950
1	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.	278,496	-	-	-	-	-	278,496
2	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.	30,000	-	-	-	-	-	30,000
3	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.	1,050,000	-	-	-	-	-	1,050,000
4	2015CIP009	Leonard / Francis Waterline Replacement - The project would consist of replacing 1665 feet of existing 4 & 6 inch with 8 inch pipe including valves, hydrants and service connections on Leonard, and adding 876 feet of 8 inch pipe on Francis to connect 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.	-	-	-	-	-	150,000	150,000
5	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
6	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
7	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.	29,700	-	-	-	-	-	29,700
8	2018CIP012 2024CIP016 2025CIP016 2026CIP016 2027CIP016	Sanitary Sewer Televising - This annual project includes the televising of the existing sanitary sewer system to determine structural deficiencies and program their repair/replacement.	-	-	100,000	100,000	100,000	100,000	400,000
9	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.	15,000	-	-	-	-	-	15,000
10	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.	27,300	-	-	-	-	-	27,300
11	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.	1,569,337	1,600,000	19,400,000	-	-	-	22,569,337
12	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 too. Work includes pavement resurfacing, repair and rehabilitation, base repair, pavement recycling, seal coats, crack sealing, pavement and subgrade fabric installation and restorative and reclaiming seal coats to extend pavement service life. Work also includes reconstruction of such items as underdrains, drainage structures, manholes, water valve boxes, monument boxes and related items along with sidewalk replacement and repair of old deteriorated unsafe walk, connecting sections of walk which were never built or were removed and never replaced and adding ramps and similar improvements to make walks more accessible and pedestrian friendly.	1,920,000	1,075,000	1,675,000	1,675,000	1,675,000	1,675,000	9,695,000
13	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.	5,000	5,000	5,000	5,000	5,000	5,000	30,000
14	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.	30,000	15,000	40,000	40,000	40,000	40,000	205,000
15	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
16	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
17	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
18	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.	50,000	50,000	50,000	-	-	-	150,000
19	2021CIP004 2024CIP006	SAC Parking Lot Replacement Phase 1 & 2 - This project includes the replacement of the parking lot at the Service Administration Complex.	-	-	-	230,000	280,000	-	510,000
20	2021CIP007	Storm Sewer Design Standards Update - This project includes updating the City's design standards for storm related infrastructure.	40,000	-	-	-	-	-	40,000
21	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.	10,000	217,300	-	-	-	-	227,300
22	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.	50,000	-	-	-	-	-	50,000
23	2021CIP012 2022CIP012 2023CIP012 2024CIP012	Engineering Specifications Update - This project includes a multi-year approach to updating the City's construction standards.	50,000	50,000	50,000	-	-	-	150,000
24	2021CIP014	Active Transportation Acquisition - This project includes the research and acquisition of property rights to provide additional connections to the active transportation system.	62,900	-	-	-	-	-	62,900

**2022 CAP PLAN UPDATE
2022 - 2027 Project Descriptions**

Item #	Project #	Description The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.	CAPITAL PROJECTS					6-Year Total 2022 - 2027		
			2022	2023	2024	2025	2026		2027	
26	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.	12,500	-	-	-	-	-	12,500	
27	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. Munciple bridge funds were received to rehabilitate the bridge.	50,000	90,000	650,000	-	-	-	790,000	
28	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.	100,000	-	-	-	-	-	100,000	
29	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.	-	-	-	-	-	-	-	
30	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.	-	-	-	-	-	-	-	
31	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	
32	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.	100,000	-	-	-	-	-	100,000	
33	2022CIP006	ODOT - SR 43 Paving (PID # - TBD) - This project is part of ODOT's Urban Paving Program of state routes through cities. It includes the paving of SR 43 from Stinaff Street to the northern City Limits.	400,000	-	-	-	-	-	400,000	
34	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	
35	2022CIP008	Gougler/River Improvements - This project includes the rehabilitation of Gougler Avenue and River Street to address Safety Concerns and walkability along the corridor. The limits of the project included northbound SR 43 from Haymaker Parkway to Fairchild Avenue (River Street and Gougler Avenue). These two roadway segments are consistently ranked near the top of the City's worst crash segments.	-	-	-	-	-	-	-	
36	2022CIP009	Water Meter Study - This poject includes field verifying the accuracy of the utility's large water meters, which were originally installed in the 1990's.	50,000	-	-	-	-	-	50,000	
37	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	
38	2022CIP014	Sanitary Design Standards - This project includes updating the City's design standards for sanitary sewer related infrastructure.	25,000	-	-	-	-	-	25,000	
39	2022CIP015 2023CIP015 2024CIP015 2025CIP015 2026CIP015 2027CIP015	Storm Sewer Televising - This project consists of televising existing storm sewers to determine their structural condition. The project will protize areas of likely failure locations.	75,000	75,000	75,000	75,000	75,000	75,000	450,000	
40	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	
41	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	
42	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.	-	-	-	-	-	-	-	
43	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	
44	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	
45	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	25,000	-	-	-	-	75,000	
46	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	
47	2022CIP023	Emergency Signal Repairs - This project included the replacement of the signal head hangers at the Main/Water and Main/Depeyster Intersections. The project also included replacing the signal heads at the West Main Street/Francis Street intersection to improve visibility.	50,000	-	-	-	-	-	50,000	
48	2022CIP024	Downtown Lighting LED Replacement Study - This project will evaluate the benefits, costs and impacts to convert the existing High Pressure Sodium lights in downtown Kent to LED lights.	20,000	-	-	-	-	-	20,000	
49	2022CIP025	SR 59 Alternative Transportation Improvements - This collaborative project with PARTA and Franklin Township is planned to improve active transportation facilities (pedestrian, bike, transit) along SR 59 from Horning Road to SR 261. The project is currently in the planning and funding phases.	30,000	740,000	-	-	4,480,000	-	5,250,000	
50	2023CIP003	Fairchild-Woodard Signal Upgrade - This project includes upgrading the existing signal at the Fairchild/Woodard intersection with improved pedestrian/accessibility features.	-	50,000	-	-	-	-	50,000	
51	2023CIP007	Hudson Road Improvements - This collaborative project with Franklin Township includes the resurfacing of Hudson Road from McKinney Boulevard to Judson Road. The project also includes widening the roadway to include shoulders/bike lanes. The project is being led by Franklin Township.	-	150,000	-	-	-	-	150,000	
52	2023CIP008	N. Mantua St. Improvements - This collaborative project with the Kent School District and Davey Tree company includes improving North Mantua Street from Roosevelt High School to the City limit. The project will improve active transportation facilities and improve the ability for vehicles turning left onto North Mantua Street at non-signalized locations.	-	800,000	-	-	-	5,000,000	5,800,000	
53	2023CIP009	W. Summit St. Pedestrian Improvements - This collaborative project with Portage County includes the addition of pedestrian facilities on West Summit Street from Tannery Park to Franklin Avenue. The project is currently in the plannig phase and is being coordinated with Portage County's rehabilitation of the Stow Street Bridge over the Cuyahoga River.	-	40,000	-	-	-	-	40,000	
54	2023CIP010	Decommissioning Yacavona PS - This project includes the decommissioning of the Yacavona Pump Station and constructing a short length of Sanitary Sewer through an area of poor soils.	-	1,000,000	-	-	-	-	1,000,000	
55	2025CIP006	Erin Drive Waterline - This project includes the replacement of a short stretch of existing waterline on Erin Drive that was found to be in poor condition.	-	-	-	75,000	-	-	75,000	
56	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	
57	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	
58	2023PR007	Portage Mill Race Segment - Phase 1 - The Portage Mill Race project includes constructing the Portage Bike and Hike Trail from Tannery Park to Main Street. Phase 1 of the project will begin at Tannery Park and proceed north. This project is the last segment of the Portage Bike and Hike Trail in Kent.	-	200,000	-	-	-	-	200,000	
59	2024CIP004	Water Meter Replacement - This project includes the replacement of water meters for the utilities large customers.	-	-	250,000	-	-	-	250,000	
Capital Projects			\$ 7,687,633	\$ 6,232,300	\$ 22,785,000	\$ 2,500,000	\$ 6,805,000	\$ 7,045,000	\$ 53,054,933	
								Check Figure:	\$ 52,854,933	
BUDGET & FINANCE DEPARTMENT										
1	2023FD001	Utility Billing Software Program - New program that will better serve the utility departments needs.	\$ 112,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112,500
Budget & Finance/City Manager			\$ 112,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112,500
								Check Figure:	\$ 112,500	
COMMUNITY DEVELOPMENT PROJECTS & EQUIPMENT										
Community Development Projects & Equipment			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
								Check Figure:	\$ -	

**2022 CAP PLAN UPDATE
2022 - 2027 Project Descriptions**

Item #	Project #	Description The following narrative describes the major capital outlay needs identified above, including the justification to expend public funds.	CAPITAL PROJECTS					6-Year Total 2022 - 2027	
			2022	2023	2024	2025	2026		2027
CENTRAL MAINTENANCE DEPARTMENT (CMD)									
1	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	\$ 42,000	\$ 42,000	\$ 42,000	\$ 246,000
2	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.	-	40,000	-	-	-	-	40,000
3	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
4	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.	-	-	-	-	-	101,200	101,200
5	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
6	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.	-	-	-	-	-	-	-
7	2021CMD008	Brush Chipper - This purchase will replace one the existing three brush chippers.	-	45,000	-	-	-	-	45,000
8	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
9	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
10	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
11	2022CMD005 2023CMD007 2027CMD004	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	96,800	-	-	-	-	180,400
12	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
13	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
14	2022CMD006 2023CMD006 2024CMD006 2025CMD006 2026CMD006 2027CMD006	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	50,000	50,000	50,000	52,000	52,000	294,000
15	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.	-	-	-	-	-	-	-
16	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
17	2023CMD003	Easement Machine - The piece of equipment will allow central maintenance to access currently inaccessible areas along easements to maintain our sewers.	-	65,000	-	-	-	-	65,000
18	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.	-	-	-	-	-	-	-
19	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
20	2023CMD009	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
21	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.	-	90,000	-	-	-	-	90,000
22	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
23	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.	-	-	-	96,800	-	-	96,800
24	2024CMD005	Push Camera - Manual camera used primarily to view residential sewer service lines.	-	-	-	-	-	-	-
25	2024CMD007	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
26	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.	-	88,000	-	-	-	-	88,000
27	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
28	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
29	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.	-	50,000	-	-	-	-	50,000
30	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.	-	-	-	-	35,000	-	35,000
31	2023CMD009	Concrete Floor Repair - This project includes repairing the concrete floor in vehicle maintenance storage building from settlement.	-	50,000	-	-	-	-	50,000
32	2027CMD003	Concrete Trailer - This purchase and custom build will replace the existing trailer that transports concrete and brick mortar mixing equipment.	-	-	-	-	-	35,000	35,000
33	2027CMD005	Paint Machine - This machine will replace the existing machine that paints short line markings on pavements.	-	-	-	-	-	50,000	50,000
34	2027CMD007	Tracing Machine - The machine replaces an existing device that helps locate underground utilities.	-	-	-	-	-	25,000	25,000
35	2027CMD008	Small Tractor - This purchase replaces one of two existing smaller industrial mower/tractors to maintain our properties.	-	-	-	-	-	75,000	75,000
36	2027CMD009	Valve Turner - This purchase will replace our existing automated water valve turner for use on our public watermains.	-	-	-	-	-	10,000	10,000
37	2027CMD010	Citywide Water Main Leak Detection - This new equipment will allow us to detect water leaks while minimizing excavations to locate and repair the leak.	-	-	-	-	-	75,000	75,000
38	2027CMD011	Water Quality Improvements - This project is for miscellaneous improvements to our water distribution system that will assist us in maintaining and improving water quality and delivery.	-	-	-	-	-	75,000	75,000
39	2027CMD012	Loader - Replacement of an existing front end loader that is required to move materials in the maintenance yard.	-	-	-	-	-	264,000	264,000
40	2027CMD013	Camera Van - The replacement of the existing vehicle that is used to televise storm and sanitary sewers when a problem is detected.	-	-	-	-	-	250,000	250,000
41	2027CMD014	Portable Shoring Trailer - This purchase will replace the existing trailer and provide another shoring device to provide for a safe work environment when our crews are working in trenches.	-	-	-	-	-	30,000	30,000
42	2023CMD010 2024CMD010	E Main St. - Lead Water Service Replacement - This project includes identifying and replacing lead water services along East Main Street in preparation for the East Main Street Improvement Project scheduled to begin in 2025	-	50,000	50,000	-	-	-	100,000
43	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
44	2026CMD003	Excavator - Performs excavations necessary for repairs and replacements on road, water, sewer and storm infrastructure.	-	-	-	-	125,000	-	125,000
45	2026CMD004	Chipper - Used for residential brush collection program, storm clean up and tree maintenance.	-	-	-	-	85,000	-	85,000
46	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.	-	-	-	-	40,000	-	40,000
47	2026CMD007	Leaf Vacuum Truck - Automated system for leaf collection program.	-	-	-	-	275,000	-	275,000
Central Maintenance Equipment			\$ 728,600	\$ 664,800	\$ 1,250,000	\$ 1,103,800	\$ 909,000	\$ 1,084,200	\$ 5,740,400
Check Figure: \$ 5,740,400									

**2022 CAP PLAN UPDATE
2022 - 2027 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	
			2022	2023	2024	2025	2026	2027	Total 2022 - 2027
CAPITAL PROJECTS									
DEBT SERVICE									
1	DS-13-01	Issue II Loan - Downtown Erie-Depeyster	\$ 19,775	\$ 19,760	\$ 19,760	\$ 19,760	\$ 9,900	\$ -	\$ 88,955
2	DS-18-01	Issue II Loan - Rockwell-Wittier-Woodard Streets	4,425	4,420	4,425	4,425	4,425	4,425	26,545
3	DS-19-01	Issue II Loan - S Chestnut-Middlebury Road	12,350	12,310	12,310	12,310	12,310	12,310	73,900
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-19-03	Issue II Loan - St Route 43 Traffic Improvement	-	800	800	800	800	800	4,000
6	DS-21-01	City Hall Bond Issue	471,500	460,000	461,000	456,550	457,000	457,000	2,763,050
Debt Service			\$ 533,050	\$ 522,290	\$ 523,295	\$ 518,845	\$ 509,435	\$ 499,535	\$ 3,106,450
								Check Figure:	\$ 3,106,450
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.	\$ 7,944	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,944
2	2017ENG003	Vehicle Replacement - This project would replace the all purpose jeep that is used by the division.	-	-	40,000	-	-	-	40,000
Engineering Division			\$ 7,944	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ 47,944
								Check Figure:	\$ 47,944
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.	\$ 52,383	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,383
2	2023KFD004	Replace Fire Prevention Pick-Up 1866 - This vehicle is a 2009 model. Defer replacement to 2023.	-	68,000	-	-	-	-	68,000
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.	-	-	-	150,000	150,000	-	300,000
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.	-	-	-	-	-	-	-
7	2023KFD010	Security Monitoring System - Providing security for both stations and monitor medications stored in the med units.	-	-	-	-	-	-	-
8	2023KFD011	CrewForce Hardware & Software - New software application that will allow field responders to access the preplan fire related information in the building they are responding to.	-	43,400	-	-	-	-	43,400
9	2023KFD012	Response Time Study - This is a study to evaluate existing and potential response time improvements when locating a new station.	-	47,000	-	-	-	-	47,000
10	2023KFD013	Self Contained Breathing Apparatus (SCBA) Washer Extractor - This new equipment is essential to clean SCBA equipment of carcinogens after a fire.	-	-	48,000	-	-	-	48,000
11	2023KFD015	Shed for Training Props - This will be a new storage shed to store props used in fire department training exercises.	-	5,000	-	-	-	-	5,000
12	2025KFD004	Gear Dryer - This new equipment will allow the department to use gear significantly quicker after washing. The gear is washed after exposure to smoke when fighting a fire.	-	-	-	50,000	-	-	50,000
13	2027KFD004	Fire Engine Replacement - The replacement of an existing engine that was purchased in 2004.	-	-	-	-	-	1,000,000	1,000,000
14	2027KFD003	Water Rescue Truck - This vehicle will replace the existing 2008 med unit that was converted to serve as a water rescue unit.	-	-	-	-	-	400,000	400,000
15	2024KFD005	2004 Seagrave Engine Replacement - The replacement of an existing engine that was purchased in 2004 and requires significant maintenance.	940,000	-	-	-	-	-	940,000
16	2024KFD006	Water Rescue Craft - for shallow water use and rescue.	-	-	20,000	-	-	-	20,000
17	2024KFD007	Station 1 Renovations	-	-	-	190,000	-	-	190,000
18	2024KFD008	Tools and Equipment for new Engine - specialized forcable entry tools and upgrade aging tools and equipment.	-	-	50,000	-	-	-	50,000
19	2025KFD007	Station 1 Light Vehicle Replacement	-	-	-	65,000	-	-	65,000
20	2026KFD005	Fire Chief Response Vehicle Replacement	-	-	52,000	-	-	-	52,000
21	2026KFD004	Explorer Car 2 Replacement	-	-	-	-	55,000	-	55,000
22	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
23	2022KFD003 2023KFD003 2024KFD003 2025KFD003 2026KFD003	Dispatch Communications - Station alerting, improved communications for first responders.	13,000	13,000	13,000	13,000	-	-	52,000
24	FD-22-04 2022KFD004 2024KFD009	Replace or Refurbish Lifeline Med unit in - Replace or refurbish 10+ year old Med Units.	200,000	-	220,000	-	225,000	-	645,000
25	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.	45,000	45,000	-	50,000	50,000	55,000	245,000
26	FD-XX-02 20XXKFD002	Fire Vehicle Replacement Fund - This is an annual dedicated addition to this fund and is based on the current best available estimates of time and projected replacement costs. These annual additions to the reserve fund for major fire vehicle replacements are intended to be a conservative estimate based on average optimal life of the current equipment.	350,000	200,000	350,000	350,000	350,000	350,000	1,950,000
Fire Department			\$ 1,600,383	\$ 516,400	\$ 2,253,000	\$ 868,000	\$ 830,000	\$ 1,805,000	\$ 7,872,783
								Check Figure:	\$ 7,872,783

**2022 CAP PLAN UPDATE
2022 - 2027 Project Descriptions**

Item #	Project #	Description	2022	2023	2024	2025	2026	2027	6-Year Total 2022 - 2027
<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>									
HEALTH DEPARTMENT									
		Health Department	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
POLICE DEPARTMENT EQUIPMENT									
1	2023KPD005 2027KPD005	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).	\$ -	\$ 430,000	\$ -	\$ -	\$ -	\$ 715,000	\$ 1,145,000
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.	-	-	-	-	10,000	-	10,000
3	PD-19-07 2019KPD007 2022KPD003 2025KPD007 2026KPD007 2027KPD007	Unmarked Bureau Cars - These will be replaced on a rotating basis as needed.	20,000	-	-	-	30,000	30,000	80,000
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.	-	-	20,000	-	-	-	20,000
5	PD-20-02 2020KPD002 2026KPD002	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 2025KPD004	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
7	2021KPD008 2027KPD008	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.	17,100	-	-	-	-	300,000	317,100
8	2022KPD009	Video Servers - Computer server for the storage of police building surveillance video.	16,000	-	-	-	-	-	16,000
9	2022KPD010	Radio/Call Recorder - The existing recorder required replacement as it no longer was being supported by the supplier.	46,000	-	-	-	-	55,000	101,000
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.	-	-	-	-	-	-	-
12	2023KPD006	Video Arraignment - Secure fiber connection between police building and Kent Muni Court when approved by Portage County.	-	-	5,000	-	-	-	5,000
13	2023KPD007	BAC Datamaster - The purchase of a new machine is required per ODH.	-	11,000	-	-	-	-	11,000
14	2025KPD008	HVAC Humidity Resolution - This project is required to improve controlling humidity in certain areas of the police facility.	-	-	-	30,000	-	-	30,000
15	2026KPD005	Helmets - The current ballistic helmets expire and will be replaced.	-	-	-	-	36,000	-	-
16	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.	50,000	35,000	50,000	50,000	50,000	50,000	285,000
17	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	-	25,000	27,000	-	-	55,570
18	2025KPD002	Replace 2010 Dodge Caravan	-	-	30,000	-	-	-	30,000
19	2025KPD003	Replace 2008 F350 Prisoner Transport - by 2025, this will be 17 years old and significantly past it's life expectancy.	-	-	-	35,000	-	-	35,000
20	2022KPD004	Fingerprint Machine This request is intended to provide for the replacement of one fingerprint machine with digital scanning capability.	-	-	-	-	-	-	-
		Police Department	\$ 152,670	\$ 476,000	\$ 140,000	\$ 157,000	\$ 226,000	\$ 1,150,000	\$ 2,301,670
								Check Figure:	\$ 2,265,670
SERVICE DEPARTMENT, FACILITIES, CAPITAL MAINTENANCE and CAPITAL PROJECTS									
1	2021KSD004 2022KSD004 2023KSD004 2024KSD004 2025KSD004 2026KSD004	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	-	170,000	-	-	-	270,000
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	\$ 230,000	\$ 210,000	\$ 10,000	\$ 10,000	\$ 580,000
								Check Figure:	\$ 580,000
SAFETY & SERVICE, COMMUNICATIONS and IT									
1	SS-19-01 2019KSS001	IT System Build Out - General upgrades to existing systems.	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
2	SS-19-02 2019KSS002 2025KSS002	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	-	-	20,000	-	-	35,000
3	SS-19-03 2019KSS003	Additional Host Server for Virtual Environment - Allows for further consolidation of servers and allows for the upgrade of the City's server infrastructure.	30,000	-	-	-	-	-	30,000
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.	20,000	-	-	-	-	-	20,000
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.	2,000	-	-	-	-	-	2,000
6	SS-20-02 2020KSS002	Virtualization Software Relicensing - Relicensing of VMWare ESX.	5,000	6,000	-	-	-	-	11,000
7	2021KSS003	Backup Data Center - Involta Data Center Setup Project	35,000	-	-	-	-	-	35,000
8	2021KSS006	Microsoft Office 365 - Government G5 - Migration to Office 365 from Gsuite.	50,000	-	-	-	-	-	50,000
9	SS-22-01 2022KSS001	Network Equipment Replacement - Plan for replacement between years 5-8 of ownership. All replaced Q4 2017.	50,000	-	-	-	-	-	50,000
10	2023KSS003	Security Infrastructure - Installation/Replacement of Access Control/Alarm/Camera systems across multiple city buildings.	-	194,000	-	-	-	63,050	257,050
11	2023KSS004 2026KSS004	Server Battery Replacement - Replacement of APC Symmetra batteries for Server Room/Communications Center.	-	17,000	-	-	53,350	-	70,350
12	2024KSS003	Phone System Server - Replacement of Cisco Phone Server.	-	-	8,000	-	-	-	8,000
13	2026KSS002	User Workstation Replacement - Replacement of End User Workstations.	-	-	-	-	339,500	-	339,500
14	2024KSS002	Server Uninfrastructure Replacement - Replacement of ESX Host Servers and Storage Array.	-	-	291,000	-	-	-	291,000
		Safety & Service, Communications and IT	\$ 257,000	\$ 217,000	\$ 299,000	\$ 20,000	\$ 392,850	\$ 63,050	\$ 1,248,900
								Check Figure:	\$ 1,248,900

**2022 CAP PLAN UPDATE
2022 - 2027 Project Descriptions**

Item #	Project #	Description	2022	2023	2024	2025	2026	2027	6-Year Total 2022 - 2027
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VEHICLE MAINTENANCE									
1	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
2	2022KVM001 2023KVM001 2024KVM001 2025KVM001 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	50,000	30,000	30,000	30,000	30,000	200,000
3	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
4	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.	-	-	15,000	-	-	-	15,000
5	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
6	2026KVM002 2027KVM002	Truck Lifts - This purchase includes buying portable lifts to allow for vehicle maintenance staff to work on most city vehicles	-	-	-	-	50,000	50,000	100,000
		Vehicle Maintenance	\$ 110,000	\$ 50,000	\$ 45,000	\$ 70,000	\$ 80,000	\$ 80,000	\$ 435,000
								Check Figure:	\$ 335,000
WATER RECLAMATION FACILITY									
1	2011WRF010	Digester Heat Exchangers - The two existing heat exchangers are circa 1965 and in need of replacement.	\$ 15,131	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -	\$ 2,215,131
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.	-	-	100,000	750,000	-	-	850,000
3	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	70,000	70,000	70,000	70,000	70,000	410,000
4	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
5	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.	6,550	-	-	-	-	-	6,550
6	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
7	2021WRF006	Replace Plant Water Pump - This project includes the purchase of a replacement water pump used to distribute plant effluent within the Water Reclamation Facility.	5,000	-	-	-	-	-	5,000
8	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.	30,000	-	-	-	-	-	30,000
9	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
10	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.	-	-	-	65,000	600,000	-	665,000
11	2022WRF005	Concrete Repair to #1 Primary - This project includes minor concrete repairs to the existing primary clarifier #1.	15,000	-	-	-	-	-	15,000
12	WRF 2023WRF006	Pickup Truck - Replacement of an existing truck at the WRF.	45,000	50,000	-	-	-	-	95,000
13	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.	3,110,680	-	-	-	-	-	3,110,680
14	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.	-	-	450,000	-	-	-	450,000
15	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.	-	-	-	-	-	-	-
16	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.	-	185,000	-	-	-	-	185,000
17	2023WRF007	Return Pumps - This project will include the replacement of three of the six return pumps in the WRF. The three pumps being replaced are significantly older than the three remaining pumps.	-	50,000	-	-	-	-	50,000
18	2023WRF008	Plant Sump Pumps - This includes the replacement of the plant sump pumps in the service building that are over 35 years old and need replaced.	-	15,000	-	-	-	-	15,000
19	2023WRF009	WRF Fork Lift - The replacement of the existing fork lift that is no longer operable and would cost more to repair it than replace it.	-	16,500	-	-	-	-	16,500
20	2023WRF010	WRF Lab Autoclave - This project will replace the existing autoclave that sterilizes lab testing equipment.	-	10,000	-	-	-	-	10,000
21	2023WRF011	WRF Lab Incubator - This includes the replacement of the existing lab incubator.	-	6,000	-	-	-	-	6,000
22	2024WRF004	Press Rehabilitation - This project includes the rehabilitation of the press that dewateres the sludge to remove biosolids from the water reclamation facility.	-	-	40,000	-	-	-	40,000
23	2024WRF005	Effluent Area Valve Rehabilitation - This project includes the rehabiliation 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
24	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.	-	-	40,000	-	-	-	40,000
		Water Reclamation Facility Capital Expenses	\$ 3,377,361	\$ 2,602,500	\$ 730,000	\$ 885,000	\$ 670,000	\$ 70,000	\$ 8,334,861
								Check Figure:	\$ 8,334,861

**2022 CAP PLAN UPDATE
2022 - 2027 Project Descriptions**

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			2022	2023	2024	2025	2026	2027	Total 2022 - 2027
CAPITAL PROJECTS									
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.	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000
2	2011WTP004	Wellfield Development - This project includes the eventual replacement of the existing wellfield. The current phase of the project includes investigating potential well field options and testing for long term use as a City water source.	-	50,000	1,000,000	-	-	-	1,050,000
3	2017WTP004	Paint KSU 400,000 gallon Ground Storage Tank - Painting including lead abatement of the 400,000 gallon ground tank at KSU.	554,700	-	-	-	-	-	554,700
4	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.	35,000	50,000	50,000	50,000	50,000	50,000	285,000
5	2021WTP002 2025WTP002	Lime Slaker including installation - The lime slaker performs a chemical process used to soften the water. The plant has two lime slakers, one primary and one back-up. The slakers are aging, requiring more annual maintenance and are in need of replacement. They are both scheduled for replacement.	130,000	-	-	-	150,000	-	280,000
6	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.	-	-	275,000	-	-	-	275,000
7	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.	191,800	-	-	-	-	-	191,800
8	2021WTP007 2022WTP007 2023WTP007 2024WTP007 2025WTP007 2026WTP007 2027WTP007	Wellfield Maintenance Agreement - This project includes annual inspection, maintenance and testing of the City's wells and well field.	100,000	100,000	100,000	100,000	100,000	100,000	600,000
9	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.	-	-	-	-	-	-	-
10	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	-	70,000	750,000	-	-	895,000
11	2022WTP005	Fairchild Tank Emergency - This project includes repairing the Fairchild Avenue Water Tower after the tower failure on April 24, 2022.	250,000	-	-	-	-	-	250,000
12	2022WTP006	Sedimentation Basin Repairs - This project included repairs to the sprocket and chain drives in two of the four sedimentation basins.	40,000	-	-	-	-	-	40,000
13	2023WTP003 2026WTP003	Tank Cleaning and Inspection - Routine cleaning and inspection of some of the water tanks in the distribution system.	-	100,000	-	-	100,000	-	200,000
14	2023WTP004	Filter Actuator Replacement - Replacement of the valve actuators in the filter gallery at the water plant. This is required because replacement parts are no longer being produced.	-	100,000	-	-	-	-	100,000
15	2023WTP009	Wellfield Generator Storage Structure - This project includes the installation of a shed to house an emergency generator on site in case there is a power outage at the wellfield.	-	15,000	-	-	-	-	15,000
16	2023WTP010	Well 12 Rehabilitation - This project includes the rehabilitation of Well 12, including installing a new liner, screen and pump.	-	450,000	-	-	-	-	450,000
17	2023WTP008	Tires for Loader - The loader at the Water Treatment Plant requires replacement tires.	-	8,000	-	-	-	-	8,000
18	2027WTP003	Generator - The replacement of the existing generator that would run the water plant in case of a power outage.	-	-	-	-	-	400,000	400,000
19	2027WTP004	Floculator Rehabilitation - This project includes the rehabilitation of the floculator process that mixes the lime and soda to help settle out solids in the raw water.	-	-	-	-	-	150,000	150,000
20	2027WTP005	Lime Soda Storage System - This project would include the rehabilitation of the bulk storage and feed system for the lime soda treatment process.	-	-	-	-	-	150,000	150,000
21	2024WTP004	Replace 1-ton Dump Truck - The 1-ton dump truck has passed its life expectancy and is due to be replaced.	-	-	75,000	-	-	-	75,000
22	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.	-	-	150,000	-	-	-	150,000
23	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
24	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.	-	110,000	-	-	-	-	110,000
25	2026WTP002	Replace F-250 Pickup - The current F-250 pickup, purchased in 2014, will be replaced with a similar model.	-	-	-	-	70,000	-	70,000
26	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			\$ 1,376,500	\$ 983,000	\$ 2,470,000	\$ 1,050,000	\$ 1,020,000	\$ 850,000	\$ 7,749,500
								Check Figure:	\$ 7,749,500

**2022 CAP PLAN UPDATE
2022 - 2027 Project Descriptions**

Item #	Project #	Description	2022	2023	2024	2025	2026	2027	6-Year Total 2022 - 2027
		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	\$ 7,687,633	\$ 6,232,300	\$ 22,785,000	\$ 2,500,000	\$ 6,805,000	\$ 7,045,000	\$ 46,009,933
		Budget & Finance IT	112,500	-	-	-	-	-	112,500
		Community Development	-	-	-	-	-	-	-
		Central Maintenance	728,600	664,800	1,250,000	1,103,800	909,000	1,084,200	4,656,200
		Debt Service	533,050	522,290	523,295	518,845	509,435	499,535	2,606,915
		Engineering Division	7,944	-	40,000	-	-	-	47,944
		Fire Department	1,600,383	516,400	2,253,000	868,000	830,000	1,805,000	6,067,783
		Health Department	-	-	-	-	-	-	-
		Police Department	152,670	476,000	140,000	157,000	226,000	1,150,000	1,151,670
		Service Department	110,000	10,000	230,000	210,000	10,000	10,000	570,000
		Safety & Service	257,000	217,000	299,000	20,000	392,850	63,050	1,185,850
		Vehicle Maintenance	110,000	50,000	45,000	70,000	80,000	80,000	355,000
		Water Reclamation Facility	3,377,361	2,602,500	730,000	885,000	670,000	70,000	8,264,861
		Water Treatment Plant	1,376,500	983,000	2,470,000	1,050,000	1,020,000	850,000	6,899,500
		Totals by Department/Division Project Description Page:	\$ 16,053,641	\$ 12,274,290	\$ 30,765,295	\$ 7,382,645	\$ 11,452,285	\$ 12,656,785	\$ 77,928,156
			\$ -	\$ -	\$ -	\$ -	\$ -	Check Figure: \$ -	\$ 77,928,156
		Check Sum This Page to Individual Yearly CIP Reports (Note should equal ZERO)							
		Engineering Capital Projects	\$ 7,687,633	\$ 6,232,300	\$ 22,785,000	\$ 2,500,000	\$ 6,805,000	\$ 7,045,000	\$ 46,009,933
		Budget & Finance IT	112,500	-	-	-	-	-	112,500
		Community Development	-	-	-	-	-	-	-
		Central Maintenance	728,600	664,800	1,250,000	1,103,800	909,000	1,084,200	4,656,200
		Debt Service	533,050	522,290	523,295	518,845	509,435	499,535	2,606,915
		Engineering Division	7,944	-	40,000	-	-	-	47,944
		Fire Department	1,600,383	516,400	2,253,000	868,000	830,000	1,805,000	6,067,783
		Health Department	-	-	-	-	-	-	-
		Police Department	152,670	476,000	140,000	157,000	226,000	1,150,000	1,151,670
		Service Department	110,000	10,000	230,000	210,000	10,000	10,000	570,000
		Safety & Service	257,000	217,000	299,000	20,000	392,850	63,050	1,185,850
		Vehicle Maintenance	110,000	50,000	45,000	70,000	80,000	80,000	355,000
		Water Reclamation Facility	3,377,361	2,602,500	730,000	885,000	670,000	70,000	8,264,861
		Water Treatment Plant	1,376,500	983,000	2,470,000	1,050,000	1,020,000	850,000	6,899,500
		Total:	\$ 16,053,641	\$ 12,274,290	\$ 30,765,295	\$ 7,382,645	\$ 11,452,285	\$ 12,656,785	\$ 77,928,156
								Check Figure: \$ -	\$ 77,928,156
		Capital Expenses Fire/EMS	\$ 1,600,383	\$ 491,400	\$ 2,253,000	\$ 868,000	\$ 830,000	\$ 1,805,000	\$ 6,042,783
		Capital Expenses Capital Project	6,548,993	5,813,500	21,404,000	3,105,800	7,630,000	8,258,200	44,502,293
		Capital Expenses Debt Service	533,050	522,290	523,295	518,845	509,435	499,535	2,606,915
		Total Capital Expenses Fire/EMS, Capital Projects and Debt Service:	\$ 8,682,426	\$ 6,827,190	\$ 24,180,295	\$ 4,492,645	\$ 8,969,435	\$ 10,562,735	\$ 53,151,991
		Capital Expenses Water	2,752,136	1,274,700	3,111,500	1,533,200	1,357,250	1,369,800	10,028,786
		Capital Expenses Sanitary	3,919,293	3,865,100	1,168,500	1,100,600	898,200	375,250	10,951,693
		Capital Expenses Storm	699,786	307,300	2,305,000	256,200	227,400	349,000	3,795,686
		Total Capital and Utility Funds from Yearly Sheets:	\$ 16,053,641	\$ 12,274,290	\$ 30,765,295	\$ 7,382,645	\$ 11,452,285	\$ 12,656,785	\$ 77,928,156
		Line 369-382							
		Check Sum this page Total Expenses:	\$ (16,053,641)	\$ (12,274,290)	\$ (30,765,295)	\$ (7,382,645)	\$ (11,452,285)	\$ (12,656,785)	\$ (77,928,156)
		Total Capital Expenses Fire/EMS, Capital Projects and Debt Service	\$ 8,682,426	\$ 6,827,190	\$ 24,180,295	\$ 4,492,645	\$ 8,969,435	\$ 10,562,735	\$ 53,151,991
		Programmed Reimbursements Capital Project and Sale Notes/Bonds from yearly reports	3,777,259	2,903,000	17,784,297	65,000	280,000	1,400,000	24,809,556
		Net Capital Expenses Fire/EMS, Capital Projects and Debt Service:	\$ 4,905,167	\$ 3,924,190	\$ 6,395,998	\$ 4,427,645	\$ 8,689,435	\$ 9,162,735	\$ 28,342,435
		Capital Expenses Water	\$ 2,752,136	\$ 1,274,700	\$ 3,111,500	\$ 1,533,200	\$ 1,357,250	\$ 1,369,800	\$ 10,028,786
		Programmed Reimbursements Water from yearly reports	605,000	-	50,000	-	-	-	655,000
		Net Expenses Water:	\$ 2,147,136	\$ 1,274,700	\$ 3,061,500	\$ 1,533,200	\$ 1,357,250	\$ 1,369,800	\$ 9,373,786
		Capital Expenses Sanitary	\$ 3,919,293	\$ 3,865,100	\$ 1,168,500	\$ 1,100,600	\$ 898,200	\$ 375,250	\$ 10,951,693
		Programmed Reimbursements Sanitary from yearly reports	3,205,600	1,167,000	-	-	-	-	4,372,600
		Net Expenses Sanitary:	\$ 713,693	\$ 2,698,100	\$ 1,168,500	\$ 1,100,600	\$ 898,200	\$ 375,250	\$ 6,579,093
		Capital Expenses Storm	\$ 699,786	\$ 307,300	\$ 2,305,000	\$ 256,200	\$ 227,400	\$ 349,000	\$ 3,795,686
		Programmed Reimbursements Storm from yearly reports	40,000	-	1,000,000	-	-	-	1,040,000
		Net Expenses Storm:	\$ 659,786	\$ 307,300	\$ 1,305,000	\$ 256,200	\$ 227,400	\$ 349,000	\$ 2,755,686
		Net Cost to City All Funds	\$ 8,425,782	\$ 8,204,290	\$ 11,930,998	\$ 7,317,645	\$ 11,172,285	\$ 11,256,785	\$ 47,051,000
		Net Cost to City All Funds From Yearly Reports	\$ 8,425,782	\$ 8,204,290	\$ 11,930,998	\$ 7,317,645	\$ 11,172,285	\$ 11,256,785	\$ 47,051,000

City of Kent, Ohio 2022 Capital Plan - Analysis of Water Fund

Actual for Fiscal Years 2017 through 2021 and Budgeted for Fiscal Years 2022 through 2027

Water Fund - #201	Actual 2017	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026	Budget 2027
Beginning Balance	\$ 2,077,902	\$ 2,173,324	\$ 1,436,507	\$ 1,319,313	\$ 1,844,855	\$ 2,830,559	\$ 2,021,489	\$ 1,700,314	\$ (405,006)	\$ (1,015,507)	\$ (1,482,455)
Operating Revenues											
Water Sales	3,518,734	3,770,236	3,782,994	3,824,604	3,747,969	3,972,847	4,032,440	4,092,926	4,154,320	4,216,635	4,279,885
Tap-in fees	19,848	54,585	22,248	43,030	90,491	25,000	25,000	25,000	25,000	25,000	25,000
Special Assessments	41,597	39,903	44,319	30,756	42,155	33,000	30,000	30,000	30,000	30,000	30,000
Cell Tower Rent	37,238	37,238	37,238	37,238	38,252	37,000	37,000	37,000	37,000	37,000	37,000
All Other Miscellaneous Revenue and Sale of Scra	19,454	26,968	36,142	121,241	10,104	10,000	10,000	10,000	10,000	10,000	10,000
Sale of Assets	225	2,843	-	-	-	-	-	-	-	-	-
Interest Income	8	961	2,427	370	20	200	500	500	500	500	500
Total Operating Revenue	3,637,104	3,932,734	3,925,368	4,057,239	3,928,991	4,078,047	4,134,940	4,195,426	4,256,820	4,319,135	4,382,385
Operating Expenses											
Plant	1,459,705	1,525,123	1,521,217	1,532,774	1,591,228	1,638,965	1,688,134	1,738,778	1,790,941	1,844,669	1,900,009
Utility Distribution	797,148	815,720	875,147	754,586	795,000	818,850	843,416	868,718	894,780	921,623	949,272
Administrative Support	557,756	616,930	579,930	662,436	460,599	474,417	488,649	503,309	518,408	533,960	549,979
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
Transfer to Fund #204 - Utility Billing	43,293	44,543	45,930	47,000	47,318	48,738	50,200	51,706	53,257	54,855	56,500
Repay Advance to F#116 - Income Tax	80,000	80,000	32,100	-	-	-	-	-	-	-	-
Total Operating Expense	2,937,902	3,082,316	3,104,324	3,046,796	2,894,145	3,030,969	3,120,398	3,212,510	3,307,386	3,405,107	3,505,760
Operating Revenue less Expense	699,202	850,418	821,044	1,010,443	1,034,846	1,047,078	1,014,541	982,916	949,435	914,028	876,624
Debt Service (OWDA Loans P & I)											
Franklin Hills Waterline (to 7/1/2027)	16,519	16,519	16,519	16,519	16,519	16,519	16,520	16,520	16,520	16,520	8,260
Kent Ravenna Interconnect (to 12/31/2023)	34,440	33,289	33,289	34,441	34,441	34,440	34,280	-	-	-	-
Issue II Loan - Erie & Depeyster Streets	3,472	-	2,726	3,973	4,497	4,800	4,815	4,815	4,815	1,805	-
OPWC - Hudson	-	-	-	-	5,400	5,400	5,401	5,401	5,401	5,401	5,401
Debt Service-Paint 2 Water Tanks	-	-	-	-	-	-	-	-	-	-	-
Total Debt Service	54,431	49,808	52,534	54,933	60,857	61,159	61,016	26,736	26,736	23,726	13,661
NET OPERATING - AFTER DEBT SERVICE	644,771	800,610	768,510	955,510	973,989	985,919	953,525	956,180	922,699	890,302	862,963
Other Funding Sources (Non-operating)											
Capital Grants/Other Intergovtl Revenue	106,935	-	-	147,087	189,456	605,000	-	50,000	-	-	-
OPWC/Other Loans	2,532	-	547,683	39,341	-	-	-	-	-	-	-
Recovery of Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-	-
From CAP Year Report(s) for 2022 - 2027	-	-	-	-	-	-	-	-	-	-	-
Total Other Funding Sources	109,467	-	547,683	186,428	189,456	605,000	-	50,000	-	-	-
Subtotal - Available for Capital	754,238	800,610	1,316,193	1,141,938	1,163,445	1,590,919	953,525	1,006,180	922,699	890,302	862,963
Capital Outlay											
Plant	219,368	78,213	319,570	153,757	140,972	-	-	-	-	-	-
Utility Distribution/Admin.	134,931	29,478	201,124	53,244	53,244	-	-	-	-	-	-
Capital Facilities/Infrastructure	208,783	1,159,935	1,212,555	-	433,918	-	-	-	-	-	-
From CAP Year Report(s) for 2022 - 2027	-	-	-	-	-	2,752,136	1,274,700	3,111,500	1,533,200	1,357,250	1,369,800
Total Capital Outlay	563,082	1,267,626	1,733,249	207,001	628,134	2,752,136	1,274,700	3,111,500	1,533,200	1,357,250	1,369,800
Recovery of Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-	-
Ending Cash Balance	2,596,530	2,129,514	1,712,458	2,647,395	3,182,706	2,021,489	1,700,314	(405,006)	(1,015,507)	(1,482,455)	(506,837)
Encumbrances	423,206	693,007	393,145	802,540	352,147	-	-	-	-	-	-
Ending Unencumbered Balance	\$ 2,173,324	\$ 1,436,507	\$ 1,319,313	\$ 1,844,855	\$ 2,830,559	\$ 2,021,489	\$ 1,700,314	\$ (405,006)	\$ (1,015,507)	\$ (1,482,455)	\$ (506,837)
Fund Balance Policy Ratio (min. 25%) (% of Annual Oper Exp. Plus Debt Service)	72.63%	45.86%	41.79%	59.48%	95.79%	65.38%	53.45%	-12.50%	-30.46%	-43.23%	-14.40%

City of Kent, Ohio 2022 Capital Plan - Analysis of Sewer Fund

Actual for Fiscal Years 2017 through 2021 and Budgeted for Fiscal Years 2022 through 2027

Sewer Fund - #202

Description	Actual 2017	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026	Budget 2027
Beginning Balance	\$ 2,906,565	\$ 1,939,983	\$ 1,503,926	\$ 1,388,251	\$ 1,562,148	\$ 387,249	\$ 3,206,075	\$ 1,633,420	\$ 1,531,211	\$ 1,681,205	\$ 2,166,194
Operating Revenues											
Sewer fees	3,994,712	4,001,089	3,876,159	3,947,477	4,016,199	4,297,333	4,361,793	4,427,220	4,493,628	4,561,033	4,629,448
Tap-in fees	14,536	51,460	5,779	18,722	42,970	20,000	20,000	20,000	20,000	20,000	20,000
Assessments	32,978	30,704	36,048	18,249	29,228	16,400	16,400	16,400	16,400	16,400	16,400
Other - Plumbing and Waste Water Permits, Misc.	33,215	54,172	66,934	371,189	25,769	25,000	25,000	25,000	25,000	25,000	25,000
Interest	8	750	1,578	370	20	200	500	500	500	500	500
Total Operating Revenue	4,075,449	4,138,175	3,986,498	4,356,007	4,114,186	4,358,933	4,423,693	4,489,120	4,555,528	4,622,933	4,691,348
Operating Expenses											
Utility Distribution	778,122	794,488	810,467	713,750	360,883	371,709	382,861	394,347	406,177	418,362	430,913
Plant	1,837,355	1,883,699	1,870,658	1,831,442	1,795,661	1,926,778	1,984,581	2,044,119	2,105,442	2,168,605	2,233,663
Administrative Support	555,274	642,239	620,021	647,177	402,244	414,311	426,741	439,543	452,729	466,311	480,300
Refunds	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Contingency	-	-	-	-	-	50,000	50,000	50,000	50,000	50,000	50,000
Transfer to Fund #204 - Utility Billing	43,293	44,543	45,930	47,000	47,318	48,738	50,200	51,706	53,257	54,855	56,500
Repay Advance to F#116 - Income Tax	65,000	65,000	38,980	-	-	-	-	-	-	-	-
Total Operating Expense	3,279,044	3,429,969	3,386,056	3,239,369	2,606,106	2,811,536	2,894,382	2,979,714	3,067,605	3,158,133	3,251,377
Operating Revenue less Expense	796,405	708,206	600,442	1,116,638	1,508,080	1,547,397	1,529,311	1,509,406	1,487,923	1,464,799	1,439,971
Debt Service											
Debt Issuance Expense	2,003	1,893	1,790	3,512	-	-	-	-	-	-	-
Bond/Notes (Principal & Interest)	441,525	382,500	324,056	261,666	52,663	52,000	51,300	50,650	-	-	-
OWDA/Issue II Loans-Sanitary Swr Imp. (Prin & Int)	298,160	297,293	299,691	302,976	304,377	314,961	312,660	312,660	157,525	1,805	-
OEPA 30 Yr. Loan - SW Sanitary Pump Station	-	-	-	-	-	-	39,905	79,805	79,805	79,805	79,805
Total Debt Service Expense	741,688	681,686	625,537	568,154	357,040	366,961	403,865	443,115	237,330	81,610	79,805
less Debt Refunding-Sale of Notes (w/Premium)	378,150	318,071	257,313	200,000	275,976	-	-	-	-	-	-
Net Debt Service Expense	363,538	363,615	368,224	368,154	81,064	366,961	403,865	443,115	237,330	81,610	79,805
NET OPERATING - AFTER DEBT SERVICE	432,867	344,591	232,218	748,484	1,427,016	1,180,436	1,125,446	1,066,291	1,250,593	1,383,189	1,360,166
Other Funding Sources (Non-operating)											
Capital Grants/Loans/Other Intergovernmental Rev.	207,702	-	-	147,087	24,319	3,205,600	1,167,000	-	-	-	-
Recovery of Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-	-
From CAP Year Report(s) for 2022 - 2027	-	-	-	-	-	-	-	-	-	-	-
Total Other Funding Sources	207,702	-	-	147,087	24,319	3,205,600	1,167,000	-	-	-	-
Subtotal - Available for Capital	640,569	344,591	232,218	895,571	1,451,335	4,386,036	2,292,446	1,066,291	1,250,593	1,383,189	1,360,166
Capital Outlay											
Utility Distribution/Admin.	206,545	61,620	42,429	13,210	53,245	-	-	-	-	-	-
Plant	291,441	331,437	229,079	376,573	675,050	-	-	-	-	-	-
Capital Facilities/Infrastructure	796,408	591,328	119,513	136,867	403,211	-	-	-	-	-	-
From CAP Year Report(s) for 2022 - 2027	-	-	-	-	-	3,919,293	3,865,100	1,168,500	1,100,600	898,200	375,250
Total Capital Outlay	1,294,394	984,385	391,021	526,650	1,131,506	3,919,293	3,865,100	1,168,500	1,100,600	898,200	375,250
Ending Cash Balance	2,849,179	2,209,385	2,050,582	2,419,503	2,739,332	3,206,075	1,633,420	1,531,211	1,681,205	2,166,194	984,916
Encumbrances	909,196	705,459	662,331	857,355	2,352,083	-	-	-	-	-	-
Ending Unencumbered Balance	\$ 1,939,983	\$ 1,503,926	\$ 1,388,251	\$ 1,562,148	\$ 387,249	\$ 3,206,075	\$ 1,633,420	\$ 1,531,211	\$ 1,681,205	\$ 2,166,194	\$ 984,916
Fund Balance Policy Ratio (min. 25%) (% of Annual Oper Exp. Plus Debt Service)	53.26%	39.64%	36.98%	43.30%	14.41%	100.87%	49.52%	44.74%	50.87%	66.86%	29.57%

City of Kent, Ohio 2022 Capital Plan - Analysis of Storm Water Fund

Actual for Fiscal Years 2017 through 2021 and Budgeted for Fiscal Years 2022 through 2027

Storm Water Drainage Fund - #208

Description	Actual 2017	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026	Budget 2027
Beginning Balance	\$ 1,054,364	\$ 1,112,391	\$ 1,290,124	\$ 1,216,329	\$ 1,053,778	\$ 1,579,966	\$ 1,630,370	\$ 1,649,394	\$ 650,353	\$ 679,136	\$ 715,114
Operating Revenues											
Storm Water Charges	989,962	990,186	1,004,836	1,010,687	982,910	990,000	990,000	990,000	990,000	990,000	990,000
Special Assessments	63,147	26,930	26,431	29,392	33,541	28,000	28,000	28,000	28,000	28,000	28,000
Storm Sewer Tap in fees	1,450	1,600	800	1,275	1,175	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	1,054,834	1,018,724	1,038,850	1,074,823	1,017,626	1,018,500	1,018,500	1,018,500	1,018,500	1,018,500	1,018,500
Operating Expenses											
Salaries & Fringes	484,914	524,133	535,747	509,972	562,230	579,097	596,470	614,364	632,795	651,779	671,332
Other Operating	30,581	44,225	31,653	41,003	77,629	79,958	82,357	84,827	87,372	89,993	92,693
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	625,495	678,358	677,400	566,975	639,859	659,055	678,826	699,191	720,167	741,772	764,025
Operating Revenue less Expense	429,339	340,366	361,450	507,848	377,767	359,445	339,674	319,309	298,333	276,728	254,475
Debt Service (OWDA Loans)											
Repay Issue II Loan(s) - Principal Only - 0% Interest	2,632	2,632	2,632	2,633	2,649	2,635	2,635	2,635	2,635	2,635	2,635
Repay Issue II Loan - Elm/Mae/Morris	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335	2,335
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	2,134	-	3,380	3,380	3,380	3,380	3,380
Total Debt Service	9,967	9,967	9,967	11,137	12,118	9,970	13,350	13,350	13,350	13,350	13,350
NET OPERATING - AFTER DEBT SERVICE	419,372	330,399	351,483	496,711	365,649	349,475	326,324	305,959	284,983	263,378	241,125
Other Funding Sources (Non-operating)											
Issue II Grant(s)	-	-	-	-	325,945	40,000	-	-	-	-	-
Issue II Loan(s)	-	-	-	-	-	-	-	-	-	-	-
Federal Aid	146,762	-	-	147,087	-	-	-	-	-	-	-
OPWC/Other State Local Aid	-	-	149,819	40,948	-	-	-	1,000,000	-	-	-
Recovery of Prior Year Encumbrances	-	-	-	-	-	-	-	-	-	-	-
From CAP Year Report(s) for 2022 - 2027	-	-	-	-	-	-	-	-	-	-	-
Total Other Funding Sources	146,762	-	149,819	188,035	325,945	40,000	-	1,000,000	-	-	-
Subtotal - Available for Capital	566,134	330,399	501,302	684,746	691,594	389,475	326,324	1,305,959	284,983	263,378	241,125
Capital Outlay											
Service/Admin.	154,553	261,041	27,375	-	56,260	-	-	-	-	-	-
Capital Facilities	189,955	-	391,779	-	734,257	-	-	-	-	-	-
From CAP Year Report(s) for 2022 - 2027	-	-	-	79,515	-	699,786	307,300	2,305,000	256,200	227,400	349,000
Total Capital Outlay	344,508	261,041	419,154	79,515	790,517	699,786	307,300	2,305,000	256,200	227,400	349,000
Ending Cash Balance	1,282,867	1,352,225	1,434,373	2,039,604	1,940,681	1,630,370	1,649,394	650,353	679,136	715,114	(107,875)
Encumbrances	170,476	62,101	218,044	985,826	360,715	-	-	-	-	-	-
Ending Unencumbered Balance	\$ 1,112,391	\$ 1,290,124	\$ 1,216,329	\$ 1,053,778	\$ 1,579,966	\$ 1,630,370	\$ 1,649,394	\$ 650,353	\$ 679,136	\$ 715,114	\$ (107,875)
Personnel & Fringe Expenses negated	484,914	524,133	535,747	509,972	562,230	579,097	596,470	614,364	632,795	651,779	671,332
Ending Unencumbered Balance - Adjusted if Personnel & F	\$ 1,597,305	\$ 1,814,257	\$ 1,752,076	\$ 1,563,750	\$ 2,142,196	\$ 2,209,467	\$ 2,245,864	\$ 1,264,717	\$ 1,311,930	\$ 1,366,892	\$ 563,457
Fund Balance Policy Ratio (min. 25%) (% of Annual Oper Exp. Plus Debt Service)	175.05%	187.43%	176.95%	182.28%	242.33%	243.69%	238.29%	91.27%	92.59%	94.70%	-13.88%

CITY OF KENT, OHIO 2022 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 2017 through 2021 and Budgeted for Fiscal Years 2022 through 2027

Description	Actual 2017	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Budget 2022	Budget 2023	Budget 2024	Budget 2025	Budget 2026	Budget 2027
Beginning Combined Funds Balance	\$ 12,275,824	\$ 13,489,396	\$ 11,720,029	\$ 14,021,303	\$ 18,628,238	\$ 18,992,318	\$ 16,497,986	\$ 14,351,360	\$ 9,209,670	\$ 5,542,878	\$ (2,949,963)
Operating Revenues											
Property and other taxes	2,074,420	2,049,029	1,993,487	2,089,184	2,184,623	2,184,623	2,230,000	2,230,000	2,230,000	2,230,000	2,230,000
* Income Taxes	16,523,087	16,182,651	16,573,684	15,017,007	16,732,255	18,300,000	18,300,000	18,500,000	18,700,000	18,900,000	19,100,000
JEDD Taxes	631,805	582,595	669,162	604,782	593,899	600,000	625,000	625,000	625,000	625,000	625,000
Fees, licenses and permits	176,029	279,347	186,289	249,433	278,944	240,000	240,000	240,000	240,000	240,000	240,000
Intergovernmental (excluding grants)	1,696,929	1,678,680	1,970,419	1,746,114	2,213,852	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Estate Taxes	72,962	-	-	-	-	-	-	-	-	-	-
Grants (Non-capital)	367,919	257,850	123,361	490,762	118,503	100,000	100,000	100,000	100,000	100,000	100,000
Charges for services	1,780,311	2,016,334	1,966,939	1,714,821	1,741,406	1,700,000	1,700,000	1,650,000	1,700,000	1,700,000	1,700,000
Fines and forfeits	323,441	299,611	299,757	239,258	316,965	290,000	290,000	290,000	290,000	290,000	290,000
Special assessments	165,222	145,101	209,807	115,240	104,115	100,000	100,000	100,000	100,000	100,000	100,000
Proceeds from sale of assets	437,704	59,241	44,361	32,091	1,000	10,000	10,000	10,000	10,000	10,000	10,000
Interest	452,212	523,462	688,871	552,745	389,264	450,000	450,000	500,000	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	706,636	657,048	697,616	1,148,265	1,883,580	250,000	250,000	250,000	250,000	250,000	250,000
Advance/Transfer to other funds (net)	(1,752,562)	(2,198,852)	(1,819,379)	(1,505,782)	(1,842,946)	(2,000,000)	(2,050,000)	(2,100,000)	(2,150,000)	(2,200,000)	(2,250,000)
Total Revenues	23,630,575	22,506,557	23,578,834	22,468,380	24,689,920	24,199,083	24,219,460	24,369,460	24,569,460	24,719,460	24,869,460
Operating Expenses											
Security of persons and property	11,241,683	12,207,597	12,158,098	10,470,197	12,879,776	13,266,169	13,664,154	14,074,079	14,496,301	14,931,190	15,379,126
Public health and welfare	491,010	550,504	559,647	560,108	768,005	791,045	814,777	839,220	864,396	890,328	917,038
Community development	2,237,958	1,222,943	1,228,429	1,235,509	1,409,454	1,451,738	1,495,290	1,540,148	1,586,353	1,633,943	1,682,962
Transportation	2,286,158	1,928,869	2,380,670	1,831,062	2,492,518	2,567,294	2,644,312	2,723,642	2,805,351	2,889,511	2,976,197
General government	3,231,083	3,694,343	3,309,274	3,284,486	3,603,886	3,712,003	3,823,363	3,938,064	4,056,205	4,177,892	4,303,228
Total Expenses	19,487,892	19,604,256	19,636,118	17,381,362	21,153,639	21,788,248	22,441,896	23,115,152	23,808,607	24,522,865	25,258,551
Operating Revenues less Expenses	4,142,683	2,902,301	3,942,716	5,087,018	3,536,281	2,410,835	1,777,564	1,254,308	760,853	196,595	(389,091)
*Adjustment for Charter Required Capital	(3,565,396)	(3,479,994)	(3,576,462)	(3,254,580)	(3,226,254)	(3,548,879)	(3,984,361)	(4,024,205)	(4,064,447)	(4,105,091)	(4,146,142)
Other Funding Sources/Uses											
Proceeds from sale of notes/bonds	766,384	510,000	257,313	-	9,589,553	-	-	-	-	-	-
Debt service and issuance costs	(1,048,860)	(807,450)	(556,802)	(282,665)	(212,578)	(471,500)	(460,000)	(461,000)	(456,550)	(457,000)	(457,000)
OPWC Debt Svc	-	-	-	-	(62,275)	(61,550)	(62,290)	(62,295)	(62,295)	(52,435)	(42,535)
Capital grants/Reimbursements	5,459,806	4,862,084	1,885,026	825,975	1,451,595	3,777,259	2,903,000	17,784,297	65,000	280,000	1,400,000
Net - Other Funding Sources/Uses	5,177,330	4,564,634	1,585,537	543,310	10,766,295	3,244,209	2,380,710	17,261,002	(453,845)	(229,435)	900,465
Available for Capital Outlay	9,320,013	7,466,935	5,528,253	5,630,328	14,302,576	5,655,044	4,158,274	18,515,310	307,008	(32,840)	511,374
Capital Outlay	8,426,493	6,242,278	4,268,729	4,349,216	2,967,106	8,149,376	6,304,900	23,657,000	3,973,800	8,460,000	10,063,200
Revenues/Sources minus Expenditures/Uses	893,520	1,224,657	1,259,524	1,281,112	11,335,470	(2,494,332)	(2,146,626)	(5,141,690)	(3,666,792)	(8,492,840)	(9,551,826)
Year to Year change in Encumbrances	320,052	(2,994,024)	1,041,750	935,823	(10,971,390)	-	-	-	-	-	-
Reserve for Sale of City Offices	-	-	-	2,390,000	-	-	-	-	-	-	-
Combined Funds Balance - January 1	12,275,824	13,489,396	11,720,029	14,021,303	18,628,238	18,992,318	16,497,986	14,351,360	9,209,670	5,542,878	(2,949,963)
Combined Funds Balance - December 31	\$ 13,489,396	\$ 11,720,029	\$ 14,021,303	\$ 18,628,238	\$ 18,992,318	\$ 16,497,986	\$ 14,351,360	\$ 9,209,670	\$ 5,542,878	\$ (2,949,963)	\$ (12,501,789)
Change in Combined Funds Balance	\$ 1,213,572	\$ (1,769,367)	\$ 2,301,274	\$ 4,606,935	\$ 364,080	\$ (2,494,332)	\$ (2,146,626)	\$ (5,141,690)	\$ (3,666,792)	\$ (8,492,840)	\$ (9,551,826)
Managed Reserve Balance	\$ 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	\$ 25,540
Fund Balance Policy Ratio (min. 17%)	47.99%	44.61%	50.42%	78.55%	46.01%	54.11%	44.87%	13.72%	7.73%	-26.86%	-58.17%