

Five Year Capital Improvement Program 2013 Update



CITY OF KENT, OHIO

FIVE YEAR CAPITAL IMPROVEMENT PLAN

Updated September 2013

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

The City's \$150 million investment in Kent's infrastructure loses value every day. Time, weather and daily usage take their toll on an aging infrastructure. Kent's infrastructure is on-call 24 hours a day, 7 days a week, 365 days a year – and whether the tolls are paid along the way or at the end of the trip, the meter is always running. The question is how and when the bill gets paid. The Capital Improvement Plan (CIP) seeks to answer that question.

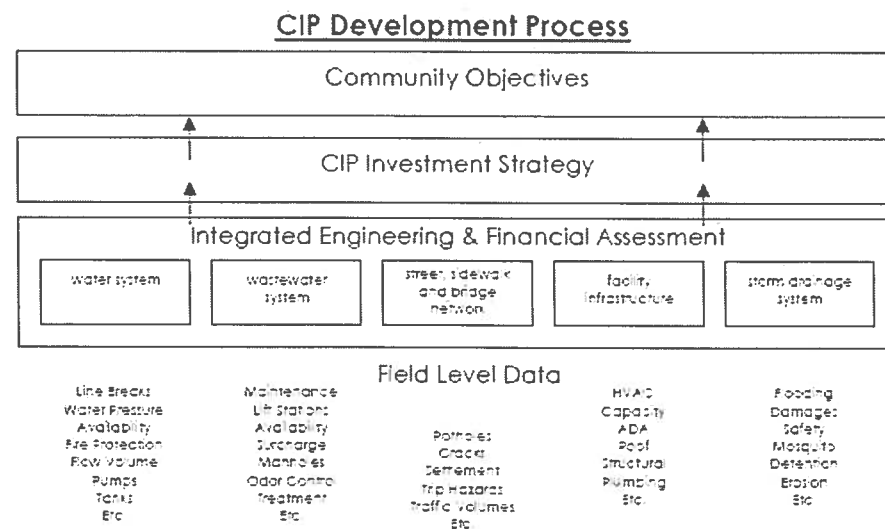
The matter of how the bill gets paid takes infrastructure into the realm of investment strategies with questions like: How valuable is the asset? How important is preservation of asset equity? What return on equity is expected? What is the risk tolerance for infrastructure failure? The answers to these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

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

Investment Grade Infrastructure

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

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



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

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

Collaborative Capital Planning

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

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

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

Framework for Investment

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

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

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

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

Principle Based Programming

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

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

Capital Improvement Financing

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

At present, the City does not possess sufficient financial resources to both adequately meet its capital needs and maintain current levels of municipal services. Strategically, the City must either: 1) continue to defer much needed capital improvements until a crisis arises; 2) reduce current levels of municipal services; 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. The approved 2011 rate plan included a 9% rate increase in 2014 but the staff has proposed reducing that increase to 4%.

Deferred Capital Maintenance

Investment grade infrastructure is what Kent residents and businesses expect and it is what potential investors look for when considering whether the Kent community is investment-worthy. Experience has demonstrated that there are different paths to get to investment grade infrastructure but the deferred maintenance path is a slippery slope that has proven to be a costly diversion from the financial reality of infrastructure maintenance.

Debt is not just a result of over-spending, it also arises when significant infrastructure problems go unaddressed and associated costs climb. Avoiding debt at the front-end of infrastructure maintenance (e.g., deferring capital investment) only grows the debt burden at the back-end of infrastructure maintenance; and failing to recognize this linkage or to balance this transfer of costs has proven in practice to fail both the intent of good infrastructure maintenance and the spirit of fiscal conservatism that defended deferred maintenance in the first place.

Capital Improvement Projects

The list of projects in the Capital Improvement Program is the heart of the capital budgeting process. The list is reviewed and updated annually to provide a recurring opportunity to assess the capital needs of the City based on what has been funded and what new needs have been identified. The project list contained in this CIP for the years 2014 through 2018 represents the Administration's recommendation for the City's 5-Year Capital Improvement Program.

Proposed 2014 Capital Program Summary

- The proposed 2014 capital program includes 41 funded projects (excluding debt).
- The total proposed capital program costs (including all debt costs) for 2014 is \$7,838,303.
- \$3,445,000 of the \$7,838,303 (or 44%) in 2014 is grant or debt funded.
- The City has leveraged outside capital for City cash at nearly a 1:1 basis in 2014.
- The approved 2010 Capital Plan listed a total City cash contribution at 57% for 2014 and the proposed 2014 Plan includes a 56% total City cash contribution.
- The proposed new general government City cash contribution (income tax) for 2014 is \$2,733,303.
- The estimated Charter requirement for 2014 is \$2,750,000.
- The proposed 2013 general government City cash contribution is \$16,697 under the Charter requirement but actual costs are expected to exceed that amount in 2014.
- The proposed 2014 debt (debt service, principle, interest) is \$3,066,303 (up from \$2.5 million in 2012).
- The City's legal debt margin (10.5% of assessed value) is approximately \$35 million.
- The undesignated fund balance declined by \$1,190,650 million in 2011 to \$8.7 million.
- The undesignated fund balance declined by \$472,000 in 2012 to \$8.29 million.
- The undesignated fund balance is projected to increase by \$479,000 in 2013 to \$8.77 million.
- The undesignated fund balance is projected to increase by \$29,000 in 2014 to \$8.8 million.
- The managed reserve fund balance (emergency fund) is projected to be \$2.30 million in 2014.
- The approved 2011 Rate Stabilization Plan includes a 4% rate increase for 2014.
- Council approved using Stormwater Funds to pay 10% towards stormwater related salaries of General Fund employees through the end of 2012 and Council extended that contribution through the end of 2013. As part of the 2014 Capital and Operating Budget discussions, staff will need Council's direction for the future of that fund allocation. The Proposed Capital Plan for 2014 currently shows no funds allocated towards Operating expenses.

2014 Proposed Capital Project Listing By Strategic Priorities

Note: some projects may appear twice because they serve multiple priorities and some related projects have been consolidated (e.g., Fire safety equipment replacement) under a single heading rather than listed separately for each purchase.

- **Financial Health and Economic Development***"to be a prosperous and livable city for all citizens"*
 - Debt Refunding (short term)
 - Automated Parking System (carryover from 2012)
 - Ametek Site Remediation (carryover)
 - Mogadore Road Site Remediation (carryover)
- **Natural Resources***"to protect and promote the City's natural resources"*
 - Area Q Phase 5 Stormwater (Irma, Diedrich)
 - Miller/Harvey Stormsewer
 - Ametek Site Remediation (carryover)
 - Mogadore Road Site Remediation (carryover)
 - Sanitary Sewer Computer Model
 - Miscellaneous Water and Wastewater Equipment replacement and upgrades
- **Quality of Life***"to enhance lifestyle choices through physical and social environment"*
 - Streets & Sidewalk Repair Program
 - Hudson Road Watermain Replacement
- **Community Safety***"to be an exceptionally safe city"*
 - Summit Street Signal Coordination Project
 - Fire Safety Equipment Replacement
 - Police Safety Equipment (speed trailer, tasers) and Vehicle Replacements
 - Police Facility Repairs (ongoing)
 - SR43 Signalization
 - Police Emergency Siren Replacement
 - West Spaulding Traffic Signal Replacement
- **Communities within the City***"to strengthen the quality and enhance the value of neighborhoods"*
 - Streets & Sidewalk Repair Program
- **City / University Synergy***"expand collaborative opportunities that enrich the community experience"*
 - Summit Street Improvement Project
- **Governmental Performance***"to provide the best services at the lowest cost"*
 - Water Reclamation Plant and Lab Equipment Replacement
 - Water Treatment Plant Equipment Replacement
 - Water Treatment Plant Recharge Basin Renewal
 - SAC Roof Replacement (carryover)
 - Central Maintenance Equipment and Vehicle Replacements
 - Digital Recorder Equipment

The Five Year Capital Improvement Program should be viewed as a living document reflecting the dynamics of an ever-changing environment that requires constant monitoring and adjustment as priority needs change over time. This process needs to be revisited and updated annually with the understanding that the City's Annual Budget may need to be modified from time to time in reaction to the transforming needs of the Kent community.

2013 CIP for Year 2013

Proj. No.	Project Name	2013 Programmed Funding*							2013 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
1992-13	Summit Street Traffic Signal Coordination - (R/W & Design)		\$ 709,789		\$ 709,789				\$ 709,789	\$ 638,810				\$ 638,810	\$ 70,979	
1997-09	Fairchild Ave. Bridge		\$ 344,597		\$ 344,597				\$ 344,597	\$ 162,025				\$ 162,025	\$ 182,572	Reimbursements for R/W Expenses
2008-06	Area Q Ph. 5, Irma/Diedrich		\$ -		\$ -			\$ 1,981,000	\$ 1,981,000	\$ -			\$ 695,000	\$ 695,000	\$ 1,286,000	\$50k Stow, \$545k I2 Grant, \$100k I2 Loan, moved from 2010, 2011 Re-Approp. Moved from 2012
2008-08	SR 59 Signalization Project		\$ 5,000		\$ 5,000				\$ 5,000	\$ -				\$ -	\$ 5,000	
2008-09	Harvey/Lake St. Outfall				\$ -			\$ 177,700	\$ 177,700	\$ -				\$ -	\$ 177,700	
2008-15	Fishcreek Watershed Study - Part 2				\$ -			\$ 109,900	\$ 109,900	\$ -				\$ -	\$ 109,900	
2009-05	Downtown Demolition Phase I		\$ 3,000		\$ 3,000				\$ 3,000	\$ -				\$ -	\$ 3,000	
2009-10	Cuyahoga River Letter of Map Revision				\$ -			\$ 40,500	\$ 40,500	\$ -				\$ -	\$ 40,500	
2010-04	Esplanade Project		\$ 387,889		\$ 387,889				\$ 387,889	\$ 387,889				\$ 387,889	\$ -	KSU Reimbursement
2010-05	Pine Street Reconstruction		\$ 41,000		\$ 41,000				\$ 41,000	\$ -				\$ -	\$ 41,000	
2010-11	City/KSU Message Board		\$ 49,607		\$ 49,607				\$ 49,607	\$ -				\$ -	\$ 49,607	
2011-03	Alley 5 - Parking Lot		\$ 201,568		\$ 201,568				\$ 201,568	\$ -				\$ -	\$ 201,568	
2011-07	Miller/Harvey/Steel Storm and Water Replacement Project				\$ -			\$ 85,000	\$ 85,000	\$ -				\$ -	\$ 85,000	
2011-10	SR 43 Signalization		\$ 420,000		\$ 420,000				\$ 420,000	\$ -				\$ -	\$ 420,000	
2013-01	Annual Sidewalk/Street Program - Construction		\$ 1,103,766		\$ 1,103,766			\$ 50,000	\$ 1,153,766	\$ 708,500				\$ 708,500	\$ 445,266	\$598,000 AMATS; \$110,500 OPWC
2013-05	Downtown Waterline Work				\$ -	\$ 14,000			\$ 14,000	\$ -				\$ -	\$ 14,000	
2013-03	Berkley & Avondale Property Purchase for Water Main Constructon (Loop)				\$ -	\$ 5,200			\$ 5,200					\$ -	\$ 5,200	Land pruchased for interconnect dead end water mains to improve water quality
1991-15	Settlement with Dominion East Ohio to Relocate Gas Line Meloy & SR43 Widening		\$ 11,518		\$ 11,518				\$ 11,518					\$ -	\$ 11,518	
2010-05	Franklin Township - SR 59 Sidewalk Construction		\$ 2,100		\$ 2,100				\$ 2,100					\$ -	\$ 2,100	
BF-12-01	Carpet Replacement Council & B&F		\$ 18,000		\$ 18,000				\$ 18,000					\$ -	\$ 18,000	
CD-12-01	Community Development Vehicle Replacement		\$ 15,525		\$ 15,525				\$ 15,525					\$ -	\$ 15,525	Moved from 2012
CM-10-04	1 ton Dump Truck w/ Spreader and Plow		\$ 60,000		\$ 60,000				\$ 60,000					\$ -	\$ 60,000	Moved from 2012
CM-12-03	Street Sweeper to replace #183		\$ 200,000		\$ 200,000				\$ 200,000	\$ -				\$ -	\$ 200,000	Funded in the 2008 for Year 2012, equipment is will need to be replaced but is defered to 2013
CM-13-02	Hooklift Truck with V Box & Dump		\$ 145,000		\$ 145,000				\$ 145,000	\$ -				\$ -	\$ 145,000	
CM-12-04	Carpenter Van to Replace #138		\$ -		\$ -				\$ -	\$ -				\$ -	\$ -	Moved from 2012 and changed to P/U; Pulled by repurposing Police Van
CM-13-00	CM, Misc. Equipment		\$ 20,000		\$ 20,000	\$ 7,500	\$ 7,500		\$ 35,000	\$ -				\$ -	\$ 35,000	

2013 CIP for Year 2013

Proj. No.	Project Name	2013 Programmed Funding*							2013 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
CM-13-03	Pickup Trucks (1)				\$ -	\$ 11,500	\$ 11,500		\$ 23,000	\$ -				\$ -	\$ 23,000	
DS-10-01	General Obligation Bonds - Principal			\$ 1,223,075	\$ 1,223,075				\$ 1,223,075	\$ 1,020,000				\$ 1,020,000	\$ 203,075	Principal (\$180,000) & Interest (\$18,000) & Issuance (\$5,075)
DS-10-02	Issue II Loan - Fairchild			\$ 25,647	\$ 25,647				\$ 25,647	\$ -				\$ -	\$ 25,647	Zero Interest
DS-10-03	Issue II Loan - Elm/Mae/Morris			\$ 4,300	\$ 4,300				\$ 4,300	\$ -				\$ -	\$ 4,300	Zero Interest
DS-10-04	Note Outstanding Fire Station/City Admin.			\$ 2,246,600	\$ 2,246,600				\$ 2,246,600	\$ 1,945,000				\$ 1,945,000	\$ 301,600	Principal (\$270,000) & Interest (\$22,150) & Issuance (\$9,450)
DS-13-01	Issue II Loan - Downtown Erie-Depeyster			\$ 37,000	\$ 37,000				\$ 37,000	\$ -				\$ -	\$ 37,000	Zero Interest
FD-11-03	2001 Chevy Tahoe Replacement	\$ 32,000			\$ 32,000				\$ 32,000	\$ 32,000				\$ 32,000	\$ -	Delayed from 2011 where funded in 2009 CIP, paid for out of Fire Veh. Rpl. Funds
FD-13-01	Fire Miscellaneous Equipment	\$ 30,000			\$ 30,000				\$ 30,000	\$ -				\$ -	\$ 30,000	
FD-13-02	Fire Vehicle Replacement Fund	\$ 200,000			\$ 200,000				\$ 200,000	\$ -				\$ -	\$ 200,000	Reduced from \$200k to \$168 for purchase of 2001 Chevy Tahoe replacement
FD-13-03	Fire West Side Station Generator Replacement	\$ 30,000			\$ 30,000				\$ 30,000	\$ -				\$ -	\$ 30,000	
HD-12-01	Sanitarian Inspection Veh Replacement		\$ 19,000		\$ 19,000				\$ 19,000	\$ -				\$ -	\$ 19,000	Health Dept requests new vehicle rplcment
PD-09-02	Police New Facility				\$ -				\$ -	\$ -				\$ -	\$ -	Funding for this project must be identified, See Note 1
PD-10-05	Automated Parking Ticket System		\$ 5,000		\$ 5,000				\$ 5,000						\$ 5,000	
PD-11-05	Existing PD Building Minimum Repairs		\$ 25,000		\$ 25,000				\$ 25,000						\$ 25,000	
PD-12-04	Cruiser Video Recorders		\$ 24,000		\$ 24,000				\$ 24,000	\$ -				\$ -	\$ 24,000	
PD-13-01	Police Miscellaneous Equipment		\$ 32,000		\$ 32,000				\$ 32,000	\$ -				\$ -	\$ 32,000	
PD-13-02	Police Unmarked Vehicle Replacement		\$ 30,000		\$ 30,000				\$ 30,000	\$ -				\$ -	\$ 30,000	Replacing 2004 Ford Explorer
SA-11-01	SAC Roof Replacement		\$ 25,000		\$ 25,000				\$ 25,000	\$ -				\$ -	\$ 25,000	
SA-13-01	Engineering Division Replacment Plotter for Large Scale Drawings		\$ 12,000		\$ 12,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 27,000	\$ -				\$ -	\$ 27,000	
SA-13-02	AMETEK Property		\$ 60,000		\$ 60,000				\$ 60,000	\$ -				\$ -	\$ 60,000	
SA-13-03	RB&W Property		\$ 10,000		\$ 10,000				\$ 10,000	\$ -				\$ -	\$ 10,000	
SS-11-01	Safety & Service Depts. Phone & Network Study		\$ 35,000		\$ 35,000				\$ 35,000	\$ -				\$ -	\$ 35,000	Future needs and funding requirements for phone & digital network
VM-10-01	Fueling Staion Replacement/Relocation		\$ -		\$ -	\$ -	\$ -		\$ -	\$ -				\$ -	\$ -	Project defered to 2018
WR-11-02	WRF, Digester Lid Replacement				\$ -		\$ 1,010,000		\$ 1,010,000	\$ -				\$ -	\$ 1,010,000	Moved \$100,000 to 2016
WR-12-04	Clarifier Sludge Rakes/Skimmer Arms/Baffle Rings				\$ -		\$ 90,000		\$ 90,000	\$ -				\$ -	\$ 90,000	
WR-13-01	WRF, Misc. Plant Equipment				\$ -		\$ 50,000		\$ 50,000	\$ -				\$ -	\$ 50,000	
WR-13-02	Secondary Clarifier and Aeration Tank Handrail				\$ -		\$ 40,000		\$ 40,000	\$ -				\$ -	\$ 40,000	
WR-13-03	WRF, Vehicle Replacement				\$ -		\$ 17,000		\$ 17,000	\$ -				\$ -	\$ 17,000	
WR-13-04	2 W.A.S. Pumps				\$ -		\$ 18,000		\$ 18,000	\$ -				\$ -	\$ 18,000	
WR-13-05	Utility Cart				\$ -		\$ 12,000		\$ 12,000	\$ -				\$ -	\$ 12,000	

2013 CIP for Year 2013

Proj. No.	Project Name	2013 Programmed Funding*							2013 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
WR-13-06	Concrete Repair Project				\$ -		\$ 20,000		\$ 20,000	\$ -				\$ -	\$ 20,000	
WR-13-07	Electrical Replacement Program- Phase I				\$ -		\$ 10,000		\$ 10,000	\$ -				\$ -	\$ 10,000	
WR-13-08	College Lift Station Repairs				\$ -		\$ 49,950		\$ 49,950	\$ -				\$ -	\$ 49,950	
WT-13-01	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000	\$ -				\$ -	\$ 50,000	
WT-11-03	WTP, Paint Fairchild Tank including Lead Abatement				\$ -	\$ -			\$ -	\$ -				\$ -	\$ -	Fairchild tank painting projected moved to 2014
WT-12-02	WTP, Paint KSU 250k Elevated including Lead Abatement				\$ -	\$ 391,450			\$ 391,450	\$ -				\$ -	\$ 391,450	
WT-13-03	Update Plant SCADA System				\$ -	\$ 25,000			\$ 25,000	\$ -				\$ -	\$ 25,000	
WT-13-04	Well Cleaning No. 12				\$ -	\$ 30,000			\$ 30,000	\$ -				\$ -	\$ 30,000	
2013 CIP Program Funding Totals for 2013:		\$ 292,000	\$ 4,015,359	\$ 3,536,622	\$ 7,843,981	\$ 539,650	\$ 1,340,950	\$ 2,449,100	\$ 12,173,681	\$ 4,894,224	\$ -	\$ -	\$ 695,000	\$ 5,589,224	\$ 6,584,457	

2012 CIP Program Funding Totals for 2013:	\$ 292,000	\$ 2,797,791	\$ 2,582,192	\$ 5,671,983	\$ 669,000	\$ 1,066,000	\$ 1,416,000	\$ 8,822,983	\$ 3,226,000	\$ -	\$ -	\$ 695,000	\$ 3,921,000	\$ 4,901,983	
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2012 CIP Subtracted from 2013 CIP:	\$ -	\$ 1,217,568	\$ 954,430	\$ 2,171,998	\$ (129,350)	\$ 274,950	\$ 1,033,100	\$ 3,350,698	\$ 1,668,224	\$ -	\$ -	\$ -	\$ 1,668,224	\$ 1,682,474	
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General Government Funds Summary Analysis		2013 for 2013
		CAP
Total Fire/EMS =	\$ 292,000	
Total Cap. Proj. =	\$ 4,015,359	
Total Fire/EMS plus Cap. Proj. =	\$ 4,307,359	
Total Debt Service =	\$ 3,536,622	
Total General Government =	\$ 7,843,981	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 4,894,224	
Total General Government Funds minus Grants & Note/Bond =	\$ 2,949,757	
Charter Target Estimate =	\$ 2,750,000	
Net General Government MINUS Target =	\$ 199,757	

Total Water Funds =	\$ 539,650
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 539,650
Total Sanitary Funds =	\$ 1,340,950
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 1,340,950
Total Storm Funds =	\$ 2,449,100
Total Storm Grants =	\$ 695,000
Total Storm Funds minus Grants =	\$ 1,754,100

Funding by Dept./Div.	
Capital Projects =	\$ 5,743,134
Budget & Finance =	\$ 18,000
Community Development =	\$ 15,525
Central Maintenance =	\$ 463,000
Debt Service =	\$ 3,536,622
Engineering =	\$ -
Fire / EMS =	\$ 292,000
Health =	\$ 19,000
Police =	\$ 116,000
Service Department =	\$ 122,000
Safety & Service =	\$ 35,000
Vehicle Maintenance =	\$ -
Water Reclamation =	\$ 1,316,950
Water Treatment =	\$ 496,450
Total all Departments & Divisions =	\$ 12,173,681

Total Expenses All Funds Including Grants =	\$ 12,173,681
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Total General Government Funds minus Grants & Note/Bond =	\$ 2,949,757
Total Water Funds minus Grants =	\$ 539,650
Total Sanitary Funds minus Grants =	\$ 1,340,950
Total Storm Funds minus Grants =	\$ 1,754,100
Total Local Funds Cost =	\$ 6,584,457

2013 CIP for Year 2014

Proj. No.	Project Name	2014 Programmed Funding*							2014 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
1992-13	Summit Street Traffic Signal Coordination - (Construction)		\$ 100,000		\$ 100,000				\$ 100,000	\$ 90,000				\$ 90,000	\$ 10,000	
2008-06	Area Q Ph. 5, Irma/Diedrich		\$ -		\$ -			\$ 100,000	\$ 100,000	\$ -				\$ -	\$ 100,000	
2008-10	Hudson Road Watermain Replacement - Design				\$ -	\$ 120,000			\$ 120,000	\$ -				\$ -	\$ 120,000	
2008-12	SW Sanitary Pump Stations System Evaluation				\$ -		\$ 50,000		\$ 50,000	\$ -				\$ -	\$ 50,000	Study required to determine if Middlebury PS should be combined with Yacavona PS
2011-07	Miller/Harvey/Steel Storm, and Water Replacement		\$ 25,000		\$ 25,000	\$ 70,000		\$ 55,000	\$ 150,000	\$ -				\$ -	\$ 150,000	
2011-08	ODOT-SR261 Resurfacing (PID 86930)		\$ 25,000		\$ 25,000				\$ 25,000	\$ -				\$ -	\$ 25,000	Local Share (20%) of Total Construction Cost within City Limits North of Summit St.
2013-07	River Street / Silk Race Storm Outfall				\$ -			\$ 205,000	\$ 205,000	\$ -				\$ -	\$ 205,000	
2013-08	Sanitary Sewer Model - Calibration				\$ -		\$ 50,000		\$ 50,000	\$ -				\$ -	\$ 50,000	
2013-09	West Main Street - Spaulding Traffic Signal		\$ -		\$ -				\$ -	\$ -				\$ -	\$ -	
2013-10	Water Model Update & Calibration				\$ -	\$ 75,000			\$ 75,000						\$ 75,000	
2014-01	Annual Sidewalk/Street Program - Construction		\$ 750,000		\$ 750,000			\$ 50,000	\$ 800,000	\$ -				\$ -	\$ 800,000	Includes \$50,000 set aside for sidewalk not part of street program per KCC
CM-10-01	Sign Van		\$ 50,000		\$ 50,000				\$ 50,000	\$ -				\$ -	\$ 50,000	Purchase moved from 2011 as repairs made to existing vehicle, place in 2013, now 2014
CM-12-01	Aerial Lift Bucket Truck Replacement		\$ -		\$ -				\$ -	\$ -				\$ -	\$ -	\$150,000 Funded in 2012 for Year 2014 moved to 2015
CM-14-00	CM, Misc Equipment		\$ 15,000		\$ 15,000	\$ 5,000	\$ 5,000		\$ 25,000	\$ -				\$ -	\$ 25,000	
CM-14-01	(1) Pickup Truck to Replace #215		\$ -		\$ -	\$ 12,500	\$ 12,500		\$ 25,000	\$ -				\$ -	\$ 25,000	
CM-14-02	Truck Mounted Single Operator Leaf Vacuum Unit		\$ 150,000		\$ 150,000				\$ 150,000	\$ -				\$ -	\$ 150,000	
DS-10-01	Variety Purpose Refunding Notes - G.O.			\$ 1,034,295	\$ 1,034,295				\$ 1,034,295	\$ 830,000				\$ 830,000	\$ 204,295	Principal paydown
DS-10-02	Issue II Loan - Fairchild			\$ 25,647	\$ 25,647				\$ 25,647	\$ -				\$ -	\$ 25,647	Zero Interest
DS-10-03	Issue II Loan - Elm/Mae/Morris			\$ 4,300	\$ 4,300				\$ 4,300	\$ -				\$ -	\$ 4,300	Zero Interest
DS-10-04	Note Outstanding Fire Station/City Admin.			\$ 1,972,260	\$ 1,972,260				\$ 1,972,260	\$ 1,675,000				\$ 1,675,000	\$ 297,260	Principal paydown
DS-13-01	Issue II Loan - Downtown Erie-Depeyster			\$ 29,801	\$ 29,801				\$ 29,801	\$ -				\$ -	\$ 29,801	Gen. Gov. portion of loan Zero Interest
FD-14-01	Fire Miscellaneous Equipment	\$ 30,000			\$ 30,000				\$ 30,000	\$ -				\$ -	\$ 30,000	
FD-14-02	Fire Vehicle Replacement Fund	\$ 350,000			\$ 350,000				\$ 350,000	\$ -				\$ -	\$ 350,000	
FD-14-03	Engine Replacement Telesquirt	\$ 850,000			\$ 850,000				\$ 850,000	\$ 850,000				\$ 850,000	\$ -	Cost \$850k, from Fire Vehicle Replacement Fund
PD-11-05	Existing PD Building Minimum Repairs		\$ 50,000		\$ 50,000				\$ 50,000						\$ 50,000	
PD-13-03	Police Emergency Siren Replacement		\$ 33,000		\$ 33,000				\$ 33,000	\$ -				\$ -	\$ 33,000	
PD-14-01	Police Miscellaneous Equipment		\$ 32,000		\$ 32,000				\$ 32,000	\$ -				\$ -	\$ 32,000	
PD-14-02	Police Unmarked Vehicle Replacement (2)		\$ -		\$ -				\$ -	\$ -				\$ -	\$ -	Increased from \$28k to \$35k, Replace two vehicles moved to 2016
PD-14-03	Digital Recorder Replacement & Storage Media		\$ 49,000		\$ 49,000				\$ 49,000	\$ -				\$ -	\$ 49,000	
PD-14-04	Acquisition and Training of K-9 Team		\$ 12,000		\$ 12,000				\$ 12,000	\$ -				\$ -	\$ 12,000	
PD-14-05	Cruiser Radios (Total 12 units)		\$ 16,000		\$ 16,000				\$ 16,000	\$ -				\$ -	\$ 16,000	
PD-14-06	Tasers		\$ 25,000		\$ 25,000				\$ 25,000	\$ -				\$ -	\$ 25,000	This purchases is split into two years if funds available additional units will be purchased
PD-14-07	Speed Trailer		\$ 10,000		\$ 10,000				\$ 10,000	\$ -				\$ -	\$ 10,000	
SA-11-01	SAC Roof Replacement		\$ 10,000		\$ 10,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000	\$ -				\$ -	\$ 25,000	
SA-14-01	AMETEK Site Remediation & Building Demo		\$ 500,000		\$ 500,000				\$ 500,000	\$ -				\$ -	\$ 500,000	
SS-11-01	Safety & Service Depts. Phone & Network Study		\$ 30,000		\$ 30,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000	\$ -				\$ -	\$ 75,000	Capital funding requirements for phone & digital network
WR-11-03	WRF, WAS Thickening Project Design				\$ -		\$ -		\$ -	\$ -				\$ -	\$ -	Pushed design to 2016

2013 CIP for Year 2014

Proj. No.	Project Name	2014 Programmed Funding*							2014 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
WR-11-04	WRF, Roof Repair (Digester)				\$ -		Move to 2015		\$ -	\$ -				\$ -	\$ -	Moved to 2015, post digester lid repair
WR-11-10	Digester Heat Exchangers				\$ -		Move to 2015		\$ -	\$ -				\$ -	\$ -	Moved purchase from 2014 to 2015
WR-14-01	WRF, Misc. Plant Equipment				\$ -			\$ 50,000	\$ 50,000	\$ -				\$ -	\$ 50,000	
WR-14-02	WRF, Dump Truck Replacement				\$ -			\$ -	\$ -					\$ -	\$ -	Moved to 2016
WR-14-03	Primary Clarifier Sandblas/Paint				\$ -			\$ 85,000	\$ 85,000					\$ -	\$ 85,000	
WR-14-04	Motor Control Center Replacement, Design				\$ -			\$ 30,000	\$ 30,000					\$ -	\$ 30,000	
WR-14-05	Lab, Automatic Sampler				\$ -			\$ 3,500	\$ 3,500					\$ -	\$ 3,500	
WR-14-06	Lab, Distillation / Digestion Unit				\$ -			\$ 14,500	\$ 14,500					\$ -	\$ 14,500	
WR-14-07	Lab, Fume Hood				\$ -			\$ 5,500	\$ 5,500					\$ -	\$ 5,500	
WR-14-08	Lab, Explosion Proof Refrigerator				\$ -			\$ 3,500	\$ 3,500					\$ -	\$ 3,500	
WT-10-04	WTP, Vehicle Replacement (4X4)				\$ -	\$ 30,000			\$ 30,000	\$ -				\$ -	\$ 30,000	This vehicle replacement was deferred from 2010 at recommendation of staff.
WT-11-03	WTP, Paint Fairchild Tank including Lead Abatement				\$ -	\$ 398,000			\$ 398,000	\$ -				\$ -	\$ 398,000	
WT-14-01	WTP, Misc. Plant Equipment				\$ -	\$ 50,000			\$ 50,000	\$ -				\$ -	\$ 50,000	
WT-14-02	Clean Well No. 13				\$ -	\$ 30,000			\$ 30,000	\$ -				\$ -	\$ 30,000	
WT-14-03	WTP, Gravel Replacement in Recharge Basin				\$ -	\$ 30,000			\$ 30,000	\$ -				\$ -	\$ 30,000	
WT-14-04	Repair and Materials for Pemin Sludge Presses				\$ -	\$ 60,000			\$ 60,000	\$ -				\$ -	\$ 60,000	
2013 CIP Program Funding Totals for 2014:		\$ 1,230,000	\$ 1,882,000	\$ 3,066,303	\$ 6,178,303	\$ 900,500	\$ 329,500	\$ 430,000	\$ 7,838,303	\$ 3,445,000	\$ -	\$ -	\$ -	\$ 3,445,000	\$ 4,393,303	

2012 CIP Program Funding Totals for 2014:	\$ 1,230,000	\$ 13,227,000	\$ 2,311,387	\$ 16,768,387	\$ 285,000	\$ 487,000	\$ 45,000	\$ 17,585,387	\$ 13,884,500	\$ -	\$ -	\$ -	\$ 13,884,500	\$ 3,700,887	
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2012 CIP Subtracted from 2013 CIP:	\$ -	\$ (11,345,000)	\$ 754,916	\$ (10,590,084)	\$ 615,500	\$ (157,500)	\$ 385,000	\$ (9,747,084)	\$ (10,439,500)	\$ -	\$ -	\$ -	\$ (10,439,500)	\$ 692,416	
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General Government Funds Summary Analysis		2013 for 2014
		CAP
Total Fire/EMS =	\$ 1,230,000	
Total Cap. Proj. =	\$ 1,882,000	
Total Fire/EMS plus Cap. Proj. =	\$ 3,112,000	
Total Debt Service =	\$ 3,066,303	
Total General Government =	\$ 6,178,303	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 3,445,000	
Total General Government Funds minus Grants & Note/Bond =	\$ 2,733,303	
Charter Target Estimate =	\$ 2,750,000	
Net General Government MINUS Target =	\$ (16,697)	

Total Water Funds =	\$ 900,500
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 900,500
Total Sanitary Funds =	\$ 329,500
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 329,500
Total Storm Funds =	\$ 430,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 430,000

Funding by Dept./Div.	
Capital Projects =	\$ 1,675,000
Budget & Finance =	\$ -
Community Development =	\$ -
Central Maintenance =	\$ 250,000
Debt Service =	\$ 3,066,303
Engineering =	\$ -
Fire / EMS =	\$ 1,230,000
Health =	\$ -
Police =	\$ 227,000
Service Department =	\$ 525,000
Safety & Service =	\$ 75,000
Vehicle Maintenance =	\$ -
Water Reclamation =	\$ 192,000
Water Treatment =	\$ 598,000
Total all Departments & Divisions =	\$ 7,838,303

Total Expenses All Funds Including Grants =	\$ 7,838,303
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Total General Government Funds minus Grants & Note/Bond =	\$ 2,733,303
Total Water Funds minus Grants =	\$ 900,500
Total Sanitary Funds minus Grants =	\$ 329,500
Total Storm Funds minus Grants =	\$ 430,000
Total Local Funds Cost =	\$ 4,393,303

2013 CIP for 2015

Proj. No.	Project Name	Original Request (50% Reduced)	2015 Programmed Funding*							2015 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
1992-13	Summit Street Traffic Signal Coordination	\$ 12,400,000		\$ 12,400,000		\$ 12,400,000		\$ 135,000		\$ 12,535,000	\$ 11,160,000				\$ 11,160,000	\$ 1,375,000	Multiple reimbursement sources including AM HW Safety, OPWC & KSU
2010-10	Pine Street Phase II	\$ -			\$ -	\$ 50,000			\$ 45,000	\$ 95,000					\$ -	\$ 95,000	Balance to be paid through CDBG Funds
2011-10	SR 43 Signalization	\$ 150,000		\$ 150,000		\$ 150,000				\$ 150,000	\$ 120,000				\$ 120,000	\$ 30,000	AMATS Grant
2011-07	Miller/Harvey/Steel Storm and Water Replacment	\$ 163,000		\$ 81,500		\$ 81,500	\$ 500,000		\$ 1,000,000	\$ 1,581,500	\$ -				\$ -	\$ 1,581,500	
2013-09	West Main Street - Spaulding Traffic Signal	\$ 50,000		\$ 25,000		\$ 25,000				\$ 25,000	\$ -				\$ -	\$ 25,000	Note: MVA Insurance Coverage Apx. \$75k
2013-13	Garth/Spaulding & Suzanne Waterline Replacement	\$ -			\$ -	\$ 95,000				\$ 95,000	\$ -				\$ -	\$ 95,000	
2015-01	Annaul Sidewalk/Street Program - Construction	\$ -		\$ -		\$ -			\$ -	\$ -	\$ -				\$ -	\$ -	Funding moved to 2014 with Summit St moving to 2015
CM-12-01	Aerial Lift Bucket Truck Replacement	\$ 150,000		\$ 75,000		\$ 75,000				\$ 75,000	\$ -				\$ -	\$ 75,000	\$150,000 Funded in 2012 for Year 2014 moved to 2015
CM-15-01	CM, Misc. Equipment	\$ 15,000		\$ 7,500		\$ 7,500	\$ 7,500	\$ 7,500		\$ 22,500	\$ -				\$ -	\$ 22,500	
CM-15-03	Pickup Trucks (1)	\$ -			\$ -	\$ 12,500	\$ 12,500			\$ 25,000	\$ -				\$ -	\$ 25,000	Purchase moved from 2010, Org. funding \$25k
CM-15-04	1 ton Dump Truck w/ Spreader and Plow	\$ 65,000		\$ 32,500		\$ 32,500				\$ 32,500	\$ -				\$ -	\$ 32,500	
CM-15-05	Hooklift Truck with V Box & Dump	\$ 150,000		\$ 75,000		\$ 75,000				\$ 75,000	\$ -				\$ -	\$ 75,000	
DS-10-01	Varius Purpose Refunding Notes - G.O.	\$ 858,995			\$ 858,995	\$ 858,995				\$ 858,995	\$ 630,000				\$ 630,000	\$ 228,995	Principal paydown
DS-10-02	Issue II Loan - Fairchild	\$ 25,647			\$ 25,647	\$ 25,647				\$ 25,647	\$ -				\$ -	\$ 25,647	Zero Interest
DS-10-03	Issue II Loan - Elm/Mae/Morris	\$ 4,300			\$ 4,300	\$ 4,300				\$ 4,300	\$ -				\$ -	\$ 4,300	Zero Interest
DS-10-04	Note Outstanding Fire Station/City Admin.	\$ 1,733,060			\$ 1,733,060	\$ 1,733,060				\$ 1,733,060	\$ 1,400,000				\$ 1,400,000	\$ 333,060	Principal paydown
DS-13-01	Issue II Loan - Downtown Erie-Depeyster	\$ 29,801			\$ 29,801	\$ 29,801				\$ 29,801	\$ -				\$ -	\$ 29,801	Gen. Gov. portion of loan Zero Interest
ED-15-01	GPS Equipment	\$ 50,000		\$ 25,000		\$ 25,000				\$ 25,000	\$ -				\$ -	\$ 25,000	
FD-15-01	Fire Miscellaneous Equipment	\$ 30,000	\$ 15,000		\$ 15,000					\$ 15,000	\$ -				\$ -	\$ 15,000	
FD-15-02	Fire Vehicle Replacement Fund	\$ 310,000	\$ 155,000		\$ 155,000					\$ 155,000	\$ -				\$ -	\$ 155,000	
FD-15-03	Sta. #2, Interior Floor & Drain Relacement	\$ 100,000	\$ 50,000		\$ 50,000					\$ 50,000	\$ -				\$ -	\$ 50,000	
FD-15-04	Med Unit 1812 Replacement	\$ 220,000	\$ 220,000		\$ 220,000					\$ 220,000	\$ 220,000				\$ 220,000	\$ -	Cost \$220k, funding from Fire Vehicle Replacement Fund
FD-15-05	Rescue 1816 Replacment	\$ -			\$ -					\$ -	\$ -				\$ -	\$ -	Defer to 2017 based on condition of the vehicle.
HD-13-01	Replacement Vehicle	\$ 22,500	\$ 11,250		\$ 11,250					\$ 11,250	\$ -				\$ -	\$ 11,250	
PD-11-05	Existing PD Building Minimum Repairs	\$ 50,000	\$ 25,000		\$ 25,000					\$ 25,000					\$ -	\$ 25,000	
PD-12-05	Compliance Vehicle Replacement	\$ 37,000	\$ 18,500		\$ 18,500					\$ 18,500	\$ -				\$ -	\$ 18,500	Veh. Major repiar in 2011 & reschld. replacement in 2015
PD-14-06	Tasers	\$ 25,000	\$ 12,500		\$ 12,500					\$ 12,500	\$ -				\$ -	\$ 12,500	This purchases is split into two years (2014 & 2015) in 2013 CIP (may be purchased early)
PD-15-01	Police Miscellaneous Equipment	\$ 35,000	\$ 17,500		\$ 17,500					\$ 17,500	\$ -				\$ -	\$ 17,500	
PD-15-02	Police Unmarked Vehicle Replacement	\$ -	\$ -		\$ -					\$ -	\$ -				\$ -	\$ -	Deferred to 2016
PD-15-03	9-1-1Viper Call System	\$ -			\$ -					\$ -	\$ -				\$ -	\$ -	Funding from E911 Funds
PD-15-05	Police Cruisers - Nine	\$ 300,000	\$ 150,000		\$ 150,000					\$ 150,000					\$ -	\$ 150,000	Increased from 2010 CIP from \$290,000 Las' Purchase a 3% increase
PD-16-06	Mobile Data Terminals	\$ 90,000	\$ 45,000		\$ 45,000					\$ 45,000					\$ -	\$ 45,000	Moved from 2016 to install in new cruisers and decrease retrofit costs
SA-11-01	SAC Roof Replacement	\$ 25,000	\$ 12,500		\$ 12,500					\$ 12,500	\$ -				\$ -	\$ 12,500	

2013 CIP for 2015

Proj. No.	Project Name	Original Request (50% Reduced)	2015 Programmed Funding*							2015 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
SS-11-01	Safety & Service Depts. Phone & Network Study	\$ 30,000		\$ 15,000		\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 60,000	\$ -				\$ -	\$ 60,000	New project added to ID future needs and funding requirements for phone & digital network
WR-11-04	WRF, Roof Repair (Digester)	\$ -			\$ -		\$ 10,000			\$ 10,000	\$ -				\$ -	\$ 10,000	Moved from 2014 awaiting completion of Digester Lid Project
WR-11-10	Digester Heat Exchangers	\$ -			\$ -		\$ 372,000			\$ 372,000	\$ -				\$ -	\$ 372,000	Moved from 2014
WR-14-02	WRF, Dump Truck Replacement No. 2	\$ -			\$ -			moved to 2016		\$ -	\$ -				\$ -	\$ -	\$80,000 Moved to 2018
WR-14-04	Motor Control Center Replacement, Ph. I Construction	\$ -			\$ -		\$ 150,000			\$ 150,000					\$ -	\$ 150,000	
WR-14-05	Influent Barscreen Rehab	\$ -			\$ -		\$ 22,000			\$ 22,000	\$ -				\$ -	\$ 22,000	Moved purchase from 2014 to 2015
WR-15-01	WRF, Misc. Plant Equipment	\$ -					\$ 50,000			\$ 50,000	\$ -				\$ -	\$ 50,000	
WR-15-02	Digester Gas Burner & Safety Equipment	\$ -					\$ 118,000			\$ 118,000	\$ -				\$ -	\$ 118,000	
WT-15-01	WTP, Misc. Plant Equipment	\$ -			\$ -	\$ 50,000				\$ 50,000	\$ -				\$ -	\$ 50,000	
WT-15-02	Clean Wells No.s 11	\$ -			\$ -	\$ 30,000				\$ 30,000	\$ -				\$ -	\$ 30,000	5-year rotation for well cleaning
WT-15-03	Lime Spreader Replacement	\$ -			\$ -	\$ 40,000				\$ 40,000	\$ -				\$ -	\$ 40,000	
2013 CIP Program Funding Totals for 2015:		\$ 17,119,303	\$ 440,000	\$ 13,178,750	\$ 2,651,803	\$ 16,270,553	\$ 800,000	\$ 892,000	\$ 1,060,000	\$ 19,022,553	\$ 13,530,000	\$ -	\$ -	\$ -	\$ 13,530,000	\$ 5,492,553	

2012 CIP Program Funding Totals for 2015:	\$ 660,000	\$ 1,249,538	\$ 2,030,062	\$ 3,939,600	\$ 287,500	\$ 265,500	\$ 900,000	\$ 5,392,600	\$ 1,611,000	\$ -	\$ -	\$ -	\$ 1,611,000	\$ 3,781,600	
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2012 CIP Subtracted from 2013 CIP:	\$ (220,000)	\$ 11,929,212	\$ 621,741	\$ 12,330,953	\$ 512,500	\$ 626,500	\$ 160,000	\$ 13,629,953	\$ 11,919,000	\$ -	\$ -	\$ -	\$ 11,919,000	\$ 1,710,953	
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General Government Funds Summary Analysis		2013 for 2015
		CAP
Total Fire/EMS =	\$ 440,000	
Total Cap. Proj. =	\$ 13,178,750	
Total Fire/EMS plus Cap. Proj. =	\$ 13,618,750	
Total Debt Service =	\$ 2,651,803	
Total General Government =	\$ 16,270,553	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 13,530,000	
Total General Government Funds minus Grants & Note/Bond =	\$ 2,740,553	
Charter Target Estimate =	\$ 2,800,000	
Net General Government MINUS Target =	\$ (59,447)	

Total Water Funds =	\$ 800,000
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 800,000
Total Sanitary Funds =	\$ 892,000
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 892,000
Total Storm Funds =	\$ 1,060,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 1,060,000

Total Expenses All Funds Including Grants =	\$ 19,022,553
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Funding by Dept./Div.	
Capital Projects =	\$ 14,481,500
Budget & Finance =	\$ -
Community Development =	\$ -
Central Maintenance =	\$ 230,000
Debt Service =	\$ 2,651,803
Engineering =	\$ 25,000
Fire / EMS =	\$ 440,000
Health =	\$ 11,250
Police =	\$ 268,500
Service Department =	\$ 12,500
Safety & Service =	\$ 60,000
Vehicle Maintenance =	\$ -
Water Reclamation =	\$ 722,000
Water Treatment =	\$ 120,000
Total all Departments & Divisions =	\$ 19,022,553

Total General Government Funds minus Grants & Note/Bond =	\$ 2,740,553
Total Water Funds minus Grants =	\$ 800,000
Total Sanitary Funds minus Grants =	\$ 892,000
Total Storm Funds minus Grants =	\$ 1,060,000
Total Local Funds Cost =	\$ 5,492,553

2013 CIP for Year 2016

Proj. No.	Project Name	Original Request (25% Reduced)	2016 Programmed Funding*							2016 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2008-10	Hudson Road Water Main Repalcement	\$ -				\$ -	\$ 700,000			\$ 700,000	\$ -				\$ -	\$ 700,000	
2008-12	Southwest Sanitary Pump Station				\$ -		\$ 200,000			\$ 200,000	\$ -				\$ -	\$ 200,000	
2011-10	SR 43 Signalization	\$ 2,800,000		\$ 2,800,000	\$ 2,800,000					\$ 2,800,000	\$ 2,240,000				\$ 2,240,000	\$ 560,000	AMATS Funding \$2,240,000
2013-09	West Main Street - Spaulding Traffic Signal	\$ 150,000		\$ 112,500	\$ 112,500					\$ 112,500	\$ -				\$ -	\$ 112,500	Note: MVA Insurance Coverage Apx. \$75k
2013-13	Garth/Spaulding & Suzanne Waterline Replacement	\$ -			\$ -	\$ 475,000				\$ 475,000	\$ -				\$ -	\$ 475,000	
2016-01	Annau Sidewalk/Street Program - Construction	\$ 900,000		\$ 675,000	\$ 675,000	\$ -		\$ 50,000		\$ 725,000	\$ -				\$ -	\$ 725,000	
CM-16-01	CM, Misc. Equipment	\$ 15,000		\$ 11,250	\$ 11,250	\$ 7,500	\$ 7,500			\$ 26,250	\$ -				\$ -	\$ 26,250	
CM-16-02	Trailer Mounted 26-Yd. Leaf Vacuum Unit, Replace Truck Mounted Unit	\$ -		pulled in 2013	\$ -					\$ -	\$ -				\$ -	\$ -	Pulled from 2013 CIP reevaluated and replaced by one man operated truck
CM-16-03	Hooklift Truck with V Box & Dump	\$ 155,000		\$ 116,250	\$ 116,250					\$ 116,250	\$ -				\$ -	\$ 116,250	
CM-16-04	1 ton Dump Truck w/ Spreader and Plow	\$ 70,000		\$ 52,500	\$ 52,500					\$ 52,500	\$ -				\$ -	\$ 52,500	
CM-16-05	Pickup Trucks (1)	\$ -			\$ -	\$ 12,500	\$ 12,500			\$ 25,000	\$ -				\$ -	\$ 25,000	
DS-10-01	Variou Purpose Refunding Notes - G.O.	\$ 652,995			\$ 652,995	\$ 652,995				\$ 652,995	\$ 420,000				\$ 420,000	\$ 232,995	Principal paydown
DS-10-02	Issue II Loan - Fairchild	\$ 25,647			\$ 25,647	\$ 25,647				\$ 25,647	\$ -				\$ -	\$ 25,647	Zero Interest
DS-10-03	Issue II Loan - Elm/Mae/Morris	\$ 4,300			\$ 4,300	\$ 4,300				\$ 4,300	\$ -				\$ -	\$ 4,300	Zero Interest
DS-10-04	Note Outstanding Fire Station/City Admin.	\$ 1,449,810			\$ 1,449,810	\$ 1,449,810				\$ 1,449,810	\$ 1,125,000				\$ 1,125,000	\$ 324,810	Principal paydown
DS-13-01	Issue II Loan - Downtown Erie-Depeyster	\$ 29,801			\$ 29,801	\$ 29,801				\$ 29,801	\$ -				\$ -	\$ 29,801	Gen. Gov. portion of loan Zero Interest
FD-16-01	Fire Miscellaneous Equipment	\$ 30,000	\$ 22,500		\$ 22,500					\$ 22,500	\$ -				\$ -	\$ 22,500	
FD-16-02	Fire Vehicle Replacement Fund	\$ 310,000	\$ 232,500		\$ 232,500					\$ 232,500	\$ -				\$ -	\$ 232,500	
FD-16-03	Replace 2003 Chevy Tahoe #1800	\$ 35,000	\$ 35,000		\$ 35,000					\$ 35,000	\$ 35,000				\$ 35,000	\$ -	Cost \$35k, funding from Fire Vehicle Replacement Fund
FD-16-04	Replace 2003 Pick-up #1826	\$ 35,000	\$ 35,000		\$ 35,000					\$ 35,000	\$ 35,000				\$ 35,000	\$ -	Cost \$35k, funding from Fire Vehicle Replacement Fund
FD-16-05	West Side Fire Station Parking Lot	\$ 48,000	\$ 36,000		\$ 36,000					\$ 36,000	\$ -				\$ -	\$ 36,000	
PD-11-05	Existing PD Building Minimum Repairs	\$ 50,000		\$ 37,500	\$ 37,500					\$ 37,500						\$ 37,500	
PD-14-02	Police Unmarked Vehicle Replacement (2)	\$ 51,000		\$ 38,250	\$ 38,250					\$ 38,250	\$ -				\$ -	\$ 38,250	Increased from \$28k to \$38,250, Replace two vehicles, moved from 2014 as part of 2013 CIP
PD-15-02	Police Unmarked Vehicle Replacement (2)	\$ 49,600		\$ 37,200	\$ 37,200					\$ 37,200	\$ -				\$ -	\$ 37,200	Replace two unmarked vehicles, was part of 2015 moved to 2016 as part of 2013 CIP
PD-16-01	Police Miscellaneous Equipment	\$ 35,000		\$ 26,250	\$ 26,250					\$ 26,250						\$ 26,250	
PD-16-02	Police Unmarked Vehicle Replacement	\$ 19,000		\$ 14,250	\$ 14,250					\$ 14,250	\$ -				\$ -	\$ 14,250	
PD-16-03	Range shed	\$ 15,000		\$ 11,250	\$ 11,250					\$ 11,250	\$ -				\$ -	\$ 11,250	
PD-16-04	Video Security Systems	\$ 50,000		\$ 37,500	\$ 37,500					\$ 37,500	\$ -				\$ -	\$ 37,500	
PD-16-06	Mobile Data Terminals	\$ -		Moved to 2015	\$ -					\$ -						\$ -	
PD-16-08	Acquistion and Training of K-9 Team	\$ 13,000		\$ 9,750	\$ 9,750					\$ 9,750	\$ -				\$ -	\$ 9,750	
SA-11-01	SAC Roof Replacement	\$ 25,000		\$ 18,750	\$ 18,750					\$ 18,750	\$ -				\$ -	\$ 18,750	
SS-16-01	Safety & Service Depts. Phone & Network Study	\$ 30,000		\$ 22,500	\$ 22,500	\$ 15,000	\$ 15,000	\$ 15,000		\$ 67,500	\$ -				\$ -	\$ 67,500	
WR-11-03	WRF, WAS Thickening Project Design	\$ -			\$ -		\$ 60,000			\$ 60,000	\$ -				\$ -	\$ 60,000	
WR-11-06	#2 Primary Clarifer Scum Pit Installation	\$ -			\$ -			Moved to 2018		\$ -	\$ -				\$ -	\$ -	

2013 CIP for Year 2016

Proj. No.	Project Name	Original Request (25% Reduced)	2016 Programmed Funding*							2016 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
WR-11-07	Rebuild Sec. Clarifer Scum Box/Balles	\$ -				\$ -		\$ 100,000		\$ 100,000	\$ -				\$ -	\$ 100,000	Moved from 2015 into 2016
WR-14-02	WRF, Dump Truck Replacement No. 1	\$ -				\$ -		\$ 80,000		\$ 80,000	\$ -				\$ -	\$ 80,000	Moved from 2015 into 2016
WR-14-04	Motor Control Center Replacement, Ph. II Construction	\$ -				\$ -		\$ 150,000		\$ 150,000					\$ -	\$ 150,000	
WR-16-01	WRF, Misc. Plant Equipment	\$ -				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
WR-16-01	WRF, Electric Generator (study)	\$ -				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	
WT-16-01	WTP, Misc. Plant Equipment	\$ -				\$ -	\$ 50,000			\$ 50,000	\$ -				\$ -	\$ 50,000	
WT-17-03	Remove and Replace Pavement with 6" Aggregate Base	\$ -				\$ -	\$ 350,000			\$ 350,000	\$ -				\$ -	\$ 350,000	
2013 CIP Program Funding Totals for 2016:			\$ 361,000	\$ 4,020,700	\$ 2,162,553	\$ 6,544,253	\$ 1,610,000	\$ 725,000	\$ 65,000	\$ 8,944,253	\$ 3,855,000	\$ -	\$ -	\$ -	\$ 3,855,000	\$ 5,089,253	
2012 CIP Program Funding Totals for 2016:			\$ 458,000	\$ 4,188,743	\$ 1,748,257	\$ 6,395,000	\$ 767,500	\$ 602,500	\$ 50,000	\$ 7,815,000	\$ 3,427,500	\$ -	\$ -	\$ -	\$ 3,427,500	\$ 4,387,500	
2012 CIP Subtracted from 2013 CIP:			\$ (97,000)	\$ (168,043)	\$ 414,296	\$ 149,253	\$ 842,500	\$ 122,500	\$ 15,000	\$ 1,129,253	\$ 427,500	\$ -	\$ -	\$ -	\$ 427,500	\$ 701,753	

General Government Funds Summary Analysis		2013 for 2016
		CAP
Total Fire/EMS =	\$ 361,000	
Total Cap. Proj. =	\$ 4,020,700	
Total Fire/EMS plus Cap. Proj. =	\$ 4,381,700	
Total Debt Service =	\$ 2,162,553	
Total General Government =	\$ 6,544,253	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 3,855,000	
Total General Government Funds minus Grants & Note/Bond =	\$ 2,689,253	
Charter Target Estimate =	\$ 2,850,000	
Net General Government MINUS Target =	\$ (160,747)	

Total Water Funds =	\$ 1,610,000
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 1,610,000
Total Sanitary Funds =	\$ 725,000
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 725,000
Total Storm Funds =	\$ 65,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 65,000

Funding by Dept./Div.	
Capital Projects =	\$ 5,012,500
Budget & Finance =	\$ -
Community Development =	\$ -
Central Maintenance =	\$ 220,000
Debt Service =	\$ 2,162,553
Engineering =	\$ -
Fire / EMS =	\$ 361,000
Health =	\$ -
Police =	\$ 211,950
Service Department =	\$ 18,750
Safety & Service =	\$ 67,500
Vehicle Maintenance =	\$ -
Water Reclamation =	\$ 490,000
Water Treatment =	\$ 400,000
Total all Departments & Divisions =	\$ 8,944,253

Total Expenses All Funds Including Grants =	\$ 8,944,253
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Total General Government Funds minus Grants & Note/Bond =	\$ 2,689,253
Total Water Funds minus Grants =	\$ 1,610,000
Total Sanitary Funds minus Grants =	\$ 725,000
Total Storm Funds minus Grants =	\$ 65,000
Total Local Funds Cost =	\$ 5,089,253

2013 CIP for Year 2017

Proj. No.	Project Name	Original Request (20% Reduced)	2017 Programmed Funding*							2017 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2017-01	Annual Sidewalk/Street Program Construction	\$ 1,100,000		\$ 880,000		\$ 880,000			\$ 50,000	\$ 930,000					\$ -	\$ 930,000	\$50k set aside for sidewalk no part of street program per KCC in 2013
CM-17-01	CM, Misc. Equipment	\$ 15,000		\$ 12,000		\$ 12,000	\$ 7,500	\$ 7,500		\$ 27,000	\$ -				\$ -	\$ 27,000	
CM-17-02	Pickup Trucks (1)	\$ -				\$ -	\$ 12,500	\$ 12,500		\$ 25,000	\$ -				\$ -	\$ 25,000	
CM-17-03	Hooklift Truck with V Box & Dump	\$ 155,000		\$ 124,000		\$ 124,000				\$ 124,000					\$ -	\$ 124,000	
DS-10-01	Variuos Purpose Refunding Notes - G.O.	\$ 436,695			\$ 436,695	\$ 436,695				\$ 436,695	\$ 210,000				\$ 210,000	\$ 226,695	Principal paydown
DS-10-02	Issue II Loan - Fairchild	\$ 25,647			\$ 25,647	\$ 25,647				\$ 25,647	\$ -				\$ -	\$ 25,647	Zero Interest
DS-10-03	Issue II Loan - Elm/Mae/Morris	\$ 4,300			\$ 4,300	\$ 4,300				\$ 4,300	\$ -				\$ -	\$ 4,300	Zero Interest
DS-10-04	Note Outstanding Fire Station/City Admin.	\$ 1,166,560			\$ 1,166,560	\$ 1,166,560				\$ 1,166,560	\$ 855,000				\$ 855,000	\$ 311,560	Principal paydown
DS-13-01	Issue II Loan - Downtown Erie-Depeyster	\$ 29,801			\$ 29,801	\$ 29,801				\$ 29,801	\$ -				\$ -	\$ 29,801	Gen. Gov. portion of loan Zero Interest
FD-15-05	Rescue 1816 Replacement	\$ 619,000	\$ 619,000		\$ 619,000					\$ 619,000	\$ 619,000				\$ 619,000	\$ -	Cost \$619k, funding from Fire Vehicle Replacement Fund
FD-17-01	Fire Miscellaneous Equipment	\$ 30,000	\$ 24,000		\$ 24,000					\$ 24,000					\$ -	\$ 24,000	
FD-17-02	Fire Vehicle Replacement Fund	\$ 310,000	\$ 248,000		\$ 248,000					\$ 248,000					\$ -	\$ 248,000	
FD-17-03	Sta. 2, Remodel/Reconst., Ph. 1	\$ 150,000	\$ 120,000		\$ 120,000					\$ 120,000					\$ -	\$ 120,000	
FD-17-04	Sta. 2, Remodel/Reconst., Ph. 2	\$ 500,000	\$ 400,000		\$ 400,000					\$ 400,000					\$ -	\$ 400,000	
FD-17-05	Fire Inspection Vehicle Replacement	\$ 22,000	\$ 22,000		\$ 22,000					\$ 22,000	\$ 22,000				\$ 22,000	\$ -	Cost \$22k, funding from Fire Vehicle Replacement Fund
PD-11-05	Existing PD Building Minimum Repairs	\$ 75,000		\$ 60,000	\$ 60,000					\$ 60,000						\$ 60,000	
PD-16-04	Video Security Systems	\$ 25,000		\$ 20,000	\$ 20,000					\$ 20,000					\$ -	\$ 20,000	
PD-16-07	Police Ballistic Vests	\$ 30,000		\$ 24,000	\$ 24,000					\$ 24,000					\$ -	\$ 24,000	
PD-17-01	Police Miscellaneous Equipment	\$ 35,000		\$ 28,000	\$ 28,000					\$ 28,000	\$ -				\$ -	\$ 28,000	
PD-17-02	Police Unmarked Vehicle Replacement	\$ 28,000		\$ 22,400	\$ 22,400					\$ 22,400						\$ 22,400	
PD-17-03	Cruiser Video Recorders	\$ 35,000		\$ 28,000	\$ 28,000					\$ 28,000	\$ -				\$ -	\$ 28,000	
SA-17-01	SAC Roof Replacement	\$ 30,000		\$ 24,000	\$ 24,000					\$ 24,000	\$ -				\$ -	\$ 24,000	
SS-17-01	Safety & Service Depts. Phone & Network Study	\$ 30,000		\$ 24,000	\$ 24,000	\$ 15,000	\$ 15,000	\$ 15,000		\$ 69,000	\$ -				\$ -	\$ 69,000	
WR-14-04	Motor Control Center Replacement, Ph. III Construction	\$ -			\$ -		\$ 150,000			\$ 150,000					\$ -	\$ 150,000	
WR-17-01	WRF, Misc. Plant Equipment	\$ -			\$ -		\$ 50,000			\$ 50,000					\$ -	\$ 50,000	
WR-16-01	WRF, Electric Generator (construction)	\$ -			\$ -		\$ 250,000			\$ 250,000					\$ -	\$ 250,000	
WT-17-01	WTP, Misc. Plant Equipment	\$ -			\$ -	\$ 50,000				\$ 50,000					\$ -	\$ 50,000	
WT-17-02	Clean Wells No.s 10	\$ -			\$ -	\$ 30,000				\$ 30,000					\$ -	\$ 30,000	
WT-17-04	Paint KSU 400,000 Ground including Lead Abatement and Paint 250,000 Ground Inside and Out	\$ -			\$ -	\$ 680,000				\$ 680,000					\$ -	\$ 680,000	
2013 CIP Program Funding Totals for 2017:		\$ 4,852,003	\$ 1,433,000	\$ 1,246,400	\$ 1,663,003	\$ 4,342,403	\$ 795,000	\$ 485,000	\$ 65,000	\$ 5,687,403	\$ 1,706,000	\$ -	\$ -	\$ -	\$ 1,706,000	\$ 3,981,403	
2012 CIP Program Funding Totals for 2017:			\$ 1,631,000	\$ 1,548,000	\$ 2,582,192	\$ 5,761,192	\$ 697,500	\$ 317,500	\$ 50,000	\$ 6,826,192	\$ 2,579,000	\$ -	\$ -	\$ -	\$ 2,579,000	\$ 4,247,192	

2013 CIP for Year 2017

Proj. No.	Project Name	Original Request (20% Reduced)	2017 Programmed Funding*							2017 Programmed Reimbursements & Sale Notes/Bonds					Net Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
	2012 CIP Subtracted from 2013 CIP:		\$ (198,000)	\$ (301,600)	\$ (919,189)	\$ (1,418,789)	\$ 97,500	\$ 167,500	\$ 15,000	\$ (1,138,789)	\$ (873,000)	\$ -	\$ -	\$ -	\$ (873,000)	\$ (265,789)	

General Government Funds Summary Analysis		2013 for 2017
		CAP
	Total Fire/EMS =	\$ 1,433,000
	Total Cap. Proj. =	\$ 1,246,400
	Total Fire/EMS plus Cap. Proj. =	\$ 2,679,400
	Total Debt Service =	\$ 1,663,003
	Total General Government =	\$ 4,342,403
	Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 1,706,000
	Total General Government Funds minus Grants & Note/Bond =	\$ 2,636,403
	Charter Target Estimate =	\$ 2,850,000
	Net General Government MINUS Target =	\$ (213,597)

Total Water Funds =	\$ 795,000
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 795,000
Total Sanitary Funds =	\$ 485,000
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 485,000
Total Storm Funds =	\$ 65,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 65,000

Funding by Dept./Div.	
Capital Projects =	\$ 930,000
Budget & Finance =	\$ -
Community Development =	\$ -
Central Maintenance =	\$ 176,000
Debt Service =	\$ 1,663,003
Engineering =	\$ -
Fire / EMS =	\$ 1,433,000
Health =	\$ -
Police =	\$ 182,400
Service Department =	\$ 24,000
Safety & Service =	\$ 69,000
Vehicle Maintenance =	\$ -
Water Reclamation =	\$ 450,000
Water Treatment =	\$ 760,000
Total all Departments & Divisions =	\$ 5,687,403

Total Expenses All Funds Including Grants =	\$ 5,687,403
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Total General Government Funds minus Grants & Note/Bond =	\$ 2,636,403
Total Water Funds minus Grants =	\$ 795,000
Total Sanitary Funds minus Grants =	\$ 485,000
Total Storm Funds minus Grants =	\$ 65,000
Total Local Funds Cost =	\$ 3,981,403

2013 CIP for Year 2018

Proj. No.	Project Name	Original Request (30% Reduced)	2018 Programmed Funding*							2018 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes	
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm			Total
2008-12	Southwest Sanitary Pump Station	\$ -				\$ -									\$ -	\$ -	Contract Amount to be determined during preliminary study
2012-03	Allen Drive Bridge Replacement	\$ 100,000		\$ 70,000		\$ 70,000									\$ -	\$ 70,000	
2018-01	Annual Sidewalk/Street Program - Construction	\$ 1,100,000		\$ 770,000		\$ 770,000			\$ 50,000	\$ 820,000					\$ -	\$ 820,000	\$50k set aside for sidewalk no part of street program per KCC in 2013
2013-14	Short Street/Grove Avenue Sanitary Sewer Study	\$ -				\$ -		\$ 50,000		\$ 50,000					\$ -	\$ 50,000	Planning Study
2013-12	Hudson Road/Franklin Township Project Participation	\$ 225,000		\$ 157,500		\$ 157,500	\$ -		\$ -	\$ 157,500	\$ -				\$ -	\$ 157,500	Preliminary PCEO Funding Estimate
CM-18-01	CM, Misc. Equipment	\$ 30,000		\$ 21,000		\$ 21,000	\$ 10,000	\$ 10,000	\$ 5,000	\$ 46,000					\$ -	\$ 46,000	
CM-18-02	Sewer Jet	\$ -				\$ -		\$ 150,000	\$ 150,000	\$ 300,000					\$ -	\$ 300,000	
CM-18-03	Sewer Camera	\$ -				\$ -		\$ 140,000	\$ 80,000	\$ 220,000					\$ -	\$ 220,000	
CM-18-04	Rubber Tired Front End Loader	\$ 70,000		\$ 49,000		\$ 49,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 109,000					\$ -	\$ 109,000	
CM-18-05	Maintenace & Repair Van	\$ -				\$ -	\$ 40,000	\$ 40,000	\$ 40,000	\$ 120,000					\$ -	\$ 120,000	
CM-18-06	Skid Steerer	\$ 85,000		\$ 59,500		\$ 59,500				\$ 59,500					\$ -	\$ 59,500	
CM-18-07	Street Sweeper	\$ 150,000		\$ 105,000		\$ 105,000			\$ 50,000	\$ 155,000					\$ -	\$ 155,000	
CM-18-08	Hot Box	\$ 60,000		\$ 42,000		\$ 42,000	\$ 13,000	\$ 13,000	\$ 9,000	\$ 77,000					\$ -	\$ 77,000	
CM-18-09	Paver	\$ 150,000		\$ 105,000		\$ 105,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 180,000					\$ -	\$ 180,000	
CM-18-10	Material Screen	\$ 25,000		\$ 17,500		\$ 17,500	\$ 10,000	\$ 10,000	\$ 10,000	\$ 47,500					\$ -	\$ 47,500	
CM-18-11	Hoe / Excavator	\$ 100,000		\$ 70,000		\$ 70,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 220,000					\$ -	\$ 220,000	
CM-18-12	Water Leak Correlator	\$ -				\$ -	\$ 50,000	\$ 50,000		\$ 100,000					\$ -	\$ 100,000	
DS-10-01	Varius Purpose Refunding Notes - G.O.	\$ 216,300			\$ 216,300	\$ 216,300				\$ 216,300					\$ -	\$ 216,300	Principal paydown
DS-10-02	Issue II Loan - Fairchild	\$ 25,647			\$ 25,647	\$ 25,647				\$ 25,647					\$ -	\$ 25,647	Zero Interest
DS-10-03	Issue II Loan - Elm/Mae/Morris	\$ 4,300			\$ 4,300	\$ 4,300				\$ 4,300					\$ -	\$ 4,300	Zero Interest
DS-10-04	Note Outstanding Fire Station/City Admin.	\$ 888,460			\$ 888,460	\$ 888,460				\$ 888,460	\$ 580,000			\$ 580,000	\$ 308,460	Principal paydown	
DS-13-01	Issue II Loan - Downtown Erie-Depeyster	\$ 29,801			\$ 29,801	\$ 29,801				\$ 29,801					\$ -	\$ 29,801	Gen. Gov. portion of loan Zero Interest
ED-18-01	Enigneering Vehicle Replacement	\$ 9,000		\$ 6,300		\$ 6,300	\$ 9,000	\$ 9,000	\$ 9,000	\$ 33,300					\$ -	\$ 33,300	
FD-18-01	Fire Miscellaneous Equipment	\$ 35,000	\$ 24,500			\$ 24,500				\$ 24,500					\$ -	\$ 24,500	
FD-18-02	Fire Vehicle Replacement Fund	\$ 350,000	\$ 245,000			\$ 245,000				\$ 245,000					\$ -	\$ 245,000	
FD-18-03	Thermal Imaging Equipment	\$ 150,000	\$ 105,000			\$ 105,000				\$ 105,000					\$ -	\$ 105,000	
PD-11-05	Existing PD Building Minimum Repairs	\$ 75,000		\$ 52,500		\$ 52,500				\$ 52,500						\$ 52,500	
PD-18-01	Police Miscellaneous Equipment	\$ 37,500		\$ 26,250		\$ 26,250				\$ 26,250	\$ -				\$ -	\$ 26,250	
SA-18-01	SAC Roof Replacement	\$ 30,000		\$ 21,000		\$ 21,000				\$ 21,000					\$ -	\$ 21,000	
SS-18-01	Safety & Service Depts. Phone & Network Study	\$ 30,000		\$ 21,000		\$ 21,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 66,000					\$ -	\$ 66,000	
VM-10-01	Fueling Staion Replacement/Relocation	\$ 110,000		\$ 77,000		\$ 77,000	\$ 27,500	\$ 27,500		\$ 132,000					\$ -	\$ 132,000	Moved from 2013 with 10% Funding Increase
WR-11-06	#2 Primary Clarifer Scum Pit Installation	\$ -				\$ -		\$ 125,000		\$ 125,000	\$ -				\$ -	\$ 125,000	

2013 CIP for Year 2018

Proj. No.	Project Name	Original Request (30% Reduced)	2018 Programmed Funding*							2018 Programmed Reimbursements & Sale Notes/Bonds					Cost City	Notes
			Fire/EMS	Cap Proj	Debt Serv	Gen Gov	Water	Sanitary	Storm	Total	Gen Gov	Water	Sanitary	Storm		
WR-14-04	Motor Control Center Replacement, Ph. IV Construction	\$ -				\$ -		\$ 150,000		\$ 150,000				\$ -	\$ 150,000	
WR-18-01	WRF, Misc. Plant Equipment	\$ -			\$ -		\$ 50,000		\$ 50,000				\$ -	\$ 50,000		
WR-18-02	WRF, Dump Truck Replacement No. 2	\$ -			\$ -		\$ 80,000		\$ 80,000	\$ -			\$ -	\$ 80,000		
WR-18-03	Post-Aeration Piping	\$ -			\$ -		\$ 60,000		\$ 60,000				\$ -	\$ 60,000		
WT-18-01	WTP, Misc. Plant Equipment	\$ -			\$ -	\$ 50,000			\$ 50,000				\$ -	\$ 50,000		
WT-18-02	Clean Wells No.s 12	\$ -			\$ -	\$ 30,000			\$ 30,000				\$ -	\$ 30,000		
2013 CIP Program Funding Totals for 2018:			\$ 374,500	\$ 1,670,550	\$ 1,164,508	\$ 3,209,558	\$ 349,500	\$ 1,074,500	\$ 513,000	\$ 5,146,558	\$ 580,000	\$ -	\$ -	\$ -	\$ 580,000	\$ 4,566,558

2011 CIP Program Funding Totals for 2012:																
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2011 CIP Subtracted from 2012 CIP:	\$ 374,500	\$ 1,670,550	\$ 1,164,508	\$ 3,209,558	\$ 349,500	\$ 1,074,500	\$ 513,000	\$ 5,146,558	\$ 580,000	\$ -	\$ -	\$ -	\$ 580,000	\$ 4,566,558
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General Government Funds Summary Analysis		2013 for 2018
		CAP
Total Fire/EMS =	\$ 374,500	
Total Cap. Proj. =	\$ 1,670,550	
Total Fire/EMS plus Cap. Proj. =	\$ 2,045,050	
Total Debt Service =	\$ 1,164,508	
Total General Government =	\$ 3,209,558	
Total Grants for Cap. Projects and Proceeds from Note/Bond =	\$ 580,000	
Total General Government Funds minus Grants & Note/Bond =	\$ 2,629,558	
Charter Target Estimate =	\$ 2,850,000	
Net General Government MINUS Target =	\$ (220,442)	

Total Water Funds =	\$ 349,500
Total Water Grants =	\$ -
Total Water Funds minus Grants =	\$ 349,500
Total Sanitary Funds =	\$ 1,074,500
Total Sanitary Grants =	\$ -
Total Sanitary Funds minus Grants =	\$ 1,074,500
Total Storm Funds =	\$ 513,000
Total Storm Grants =	\$ -
Total Storm Funds minus Grants =	\$ 513,000

Funding by Dept./Div.	
Capital Projects =	\$ 1,097,500
Budget & Finance =	\$ -
Community Development =	\$ -
Central Maintenance =	\$ 1,634,000
Debt Service =	\$ 1,164,508
Engineering =	\$ 33,300
Fire / EMS =	\$ 374,500
Health =	\$ -
Police =	\$ 78,750
Service Department =	\$ 21,000
Safety & Service =	\$ 66,000
Vehicle Maintenance =	\$ 132,000
Water Reclamation =	\$ 465,000
Water Treatment =	\$ 80,000
Total all Departments & Divisions =	\$ 5,146,558

Total Expenses All Funds Including Grants =	\$ 5,146,558
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Total General Government Funds minus Grants & Note/Bond =	\$ 2,629,558
Total Water Funds minus Grants =	\$ 349,500
Total Sanitary Funds minus Grants =	\$ 1,074,500
Total Storm Funds minus Grants =	\$ 513,000
Total Local Funds Cost =	\$ 4,566,558

**2012 CAP PLAN UPDATE
2012 - 2017 Project Descriptions**

Proj.#	Description	2013	2014	2015	2016	2017	2018
	The following narrative describes the major capital outlay needs identified on previous pages, including the justification to expend public funds.						
1992-13	Summit Street Traffic Signal Coordination - This project will provide for the Installation of new traffic signals with central coordination from Water Street to East Corporation Line along the Summit Street corridor. Included in the design will be turning lanes where appropriate and access management. Reimbursements: 2011 , \$583,760 From ODOT and \$72,970 From KSU totaling \$656,730; 2012 \$436k (ODOT-HSP-R/W); \$89.5k (KSU Phase II Design and R/W) was funded at \$2,000,000; 2014 \$10,800,000 AMATS & Highway Safety (Seeking additional Grant Funding from OPWC & HSP) Total Reimbursements 2012 through 2016 - \$11,982,230 Net Cost to City \$562,770 Grant & Partners Money Tied to Project	\$ 709,789	\$ 100,000	\$ 12,535,000			
1997-09	Fairchild Avenue Bridge Project (Crain Avenue Bridge) - between N. Mantua Street (S.R. 43) and Water Street is a vital link in the present and future transportation network in the City of Kent and Portage County. At present, the Crain Avenue Bridge spanning the Cuyahoga River and CSX Railroad is in poor condition and requires replacement. The available traffic capacity of Crain Avenue and congestion at the adjacent offset intersections are also major concerns. The City of Kent and Portage County have entered into a joint agreement to improve this transportation facility. In order to accomplish this goal, federal funding will be necessary to pay a portion of the cost of construction. The City was the lead-coordinating agency for this project during design and now ODOT is the lead agency during Construction. Reimbursements: 2011 , County \$131,000 and \$214,300 ODOT R/W; no funding reimbursement 2012 through 2016.	\$ 344,597					
2008-06	Area Q Ph. 5 Irma/Deidrick - Design and R/W have been funded in previous years; the 2011 funding is for Construction. The Irma/Diedrich neighborhood is a part of a bowl-shaped drainage basin referred to as Drainage Area Q., bounded by W. Main Street, Chelton Drive, Deidrick Road, and Francis Street. This area is characterized by street flooding due to what was inadequate capacity of the outlet sewer, which runs under W. Main Street then adjacent to Spaulding Drive [corrected previously], and discharging into Fish Creek. This improvement will involve the construction of the collector storm sewer system along Irma Street and Deidrick Road to relieve the flooding along these streets.	\$ 1,981,000	\$ 100,000				
2008-08	SR 59 Signalization Improvements Construction - All traffic signals on S.R. 59 from the intersection of S. Chestnut St./Middlebury Rd. to the east City Corporation Line will be replaced and the new signals coordinated by use of a closed loop signal control system with a central computer. The central computer system will be the core of all future traffic signal system improvements coordinating all signals connected to it. This first phase of a City wide traffic signal control system is a significant improvement in technology over the existing coordinated system that was installed by the City with the assistance of federal funds in 1987. This new system is designed to keep traffic moving along the main route while minimizing the delay time for traffic waiting to cross or enter the main route while being sensitive to current traffic demands calling the most appropriate signal timing scheme into use.	\$ 5,000					
2008-09	Harvey/Lake Street Storm Outfall - This project includes improvements to the outfall storm sewer known as Harvey/Lake that will reduce flooding that has been experienced on Lake Street. This project was scheduled for construction in 2010 but was delayed due to the Plum Creek Stream Restoration Project.	\$ 177,700					
2008-10	Hudson Road Watermain Replacement - This project includes the replacement of undersized (4") and old (pre-1922) watermain along Hudson Drive From Wheatstone to Fairchild Avenue. The existing watermain has had several watermain breaks in this area and the undersized line have a detrimental impact on fire flows available from the watermain.		\$ 120,000		\$ 700,000		
2008-12	SW Sanitary Pump Stations System Evaluation - This study will determine the most cost effective method to replace the two old pump stations within the City's Sanitary Collection System. These pump stations are located on Middlebury Road and Macaroni 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. The study is required prior to the design of the Middlebury		\$ 50,000		\$ 200,000		\$ -
2008-15	Fish Creek Watershed Study - The City predominantly drains into three main watersheds. These include the Fish Creek, Plum Creek and the Cuyahoga River Watersheds. All of these watersheds include a main stem (Creek or River), which was studied by FEMA in 1977 to identify the 100-year flood boundary. The storm water systems within the City was last studied in 1975. this study's recommendations are no longer valid due o changes in how stormwater is now managed (NPDES, FEMA, etc.). The Fish Creek watershed evaluation has three primary goals; 1) Update the 1977 FEMA Study to update the 100-year flood boundary; 2) Create a priority list of projects with budgetary planning costs to remedy storm issues; 3) Create a stormwater management tool for evaluate upcoming changes in the watershed.	\$ 109,900					
2009-05	Downtown Demolition Phase 1 - This project includes the demolition necessary to clear the downtown redevelopment block (bounded by Water St., Erie St. and SR 59).	\$ 3,000					
2009-10	Cuyahoga River Watershed Evaluation - The City predominantly drains to three main watersheds. These watersheds include Fish Creek, Plum Creek and the Cuyahoga River. All of these watersheds include a main stem (Creek or River), which was studied by FEMA in 1977 to identify the 100-year flood boundary. The storm water systems within the City was last studied in 1975. This study's recommendations are no longer valid due to the changes in how stormwater is now managed (NPDES, FEMA, etc.). The Cuyahoga River Watershed evaluation has three primary goals for the Watershed; 1) Update the 1977 FEMA study to update the 100-year flood boundary which has been modified since 1977; 2) Perform public outreach in a mailing, questionnaire or other method to identify the stormwater issues of those living within the watershed; and 3) Create a priority list of projects with budgetary planning costs to remedy the storm water issues. The budget also includes review fees required by FEMA.	\$ 40,500					
2010-04	Esplanade - This joint project with Kent State University includes the design of the Portage Hike and Bike Trail - KSU Gateway Segment (Esplanade) from Lincoln Street to SR 59. The City received federal money from AMATS to construct the facility as it is part of the Portage Hike and Bike Trail. The City is required to manage the project as the grant recipient from AMATS.	\$ 387,889					
2010-05	Pine Street Reconstruction - (Ph. 1 in 2011 & Ph. 2 in 2012) This project includes the reconstruction of Pine Street from Cherry Street to Dodge Street. The project includes new pavement, sidewalk and watermain (where it currently exists). The project will be completed in two phases and is primarily funded through the Community Development Block Grant (CDBG) program.	\$ 41,000		\$ 95,000			
2010-11	City/KSU Message Board - This project includes installation of a changeable message board located predominantly along SR 59 that would display public event information for the City and KSU. The City and KSU are splitting the cost to purchase and install the message board and associated landscaping and retaining walls.	\$ 49,607					
2011-03	Alley 5 Parking Lot - This project is part of the downtown redevelopment and includes the construction of a parking lot containing approximately 115 spaces along Alley 5 between Water Street and Depeyster.	\$ 201,568					
2011-07	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.	\$ 85,000	\$ 150,000	\$ 1,581,500			
2011-08	ODOT - SR 261 Resurfacing PID 86930 - This project includes resurfacing SR 261 from the intersection of Summit Street north to the Corporation Limit. ODOT is administering the design and construction of the project. The cost included in the capital plan is the City's local share contribution for the construction of the project.		\$ 25,000				
2011-10	South Water Street (SR 43) Traffic Improvements - This project includes upgrading our traffic signal systems from SR 261 to Summit Street. This would add seven signals to the central traffic control system being constructed as part of the SR 59 Signalization Project. Evaluations will be performed to determine if additional turn lanes are required to improve traffic flow. AMATS funding will be pursued to assist in funding the construction costs of the project.	\$ 420,000		\$ 150,000	\$ 2,800,000		
2012-03	Allen Drive Bridge Replacement - The Allen Drive Bridge requires a detail analysis and design if replacement is required						\$ 70,000

**2012 CAP PLAN UPDATE
2012 - 2017 Project Descriptions**

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2013-01	Annual Sidewalk/Street Program Construction - [Also Years 2014-01, 2015-01, 2016-01 2017-01 & 2018-01] The combined annual Street/Sidewalk Program services the capital maintenance needs of the City's streets, sidewalks, curbs, and structures contained within the public right-of-way or related there too. Work includes pavement resurfacing, repair and rehabilitation, base repair, pavement recycling, seal coats, crack sealing, pavement and subgrade fabric installation and restorative and reclaiming seal coats to extend pavement service life. Work also includes reconstruction of such items as underdrains, drainage structures, manholes, water valve boxes, monument boxes and related items along with sidewalk replacement and repair of old deteriorated unsafe walk, connecting sections of walk which were never built or were removed and never replaced and adding ramps and similar improvements to make walks more accessible and pedestrian friendly.	\$ 1,153,766	\$ 800,000	\$ -	\$ 725,000	\$ 930,000	\$ 820,000
2013-05	Downtown Waterline Work - This project was added in 2012 during the construction of the Downtown Redevelopment and includes the replacement and upsizing of the waterline on Erie Street from Depeyster to SR 59 in conjunction with PARTA's Kent Central Gateway project.	\$ 14,000					
2013-07	River Street/Silk Race Storm Outfall - The project includes the replacement of a corrugated metal storm sewer outfall from River Street to the Cuyahoga River. The original sewer was constructed as part of Haymaker Parkway. This project was added because of staff investigations initiated because other corrugated metal storm sewers from that project have been failing.		\$ 205,000				
2013-08	Sanitary Sewer Model Calibration - This project includes the calibration of the City wide sanitary model that was developed internally by the Engineering Division. The calibration of the model however is unable to be accomplished by staff due to the current workload. The model is used to evaluate the impacts of larger developments and evaluate proposed capital improvement projects involving the sanitary collection system.		\$ 50,000				
2013-09	West Main Street - Spaulding Drive Traffic Signal Replacement - This project includes the replacement and upgrade of the traffic signal at the West Main Street/Spaulding Drive Intersection. The replacement is required due to a Motor Vehicle Accident (MVA). The traffic signal was temporarily repaired until the intersection could be replaced and upgraded to current standards.		\$ -	\$ 25,000	\$ 112,500		
2013-10	Water Distribution Model Update and Calibration - This project includes the update and calibration of the existing water distribution model. The model is used to evaluate the impacts of larger developments and evaluate proposed capital improvement projects involving the water distribution system.		\$ 75,000				
2013-12	Hudson Road - Franklin Township Project Participation - Franklin Township will be upgrading Hudson Road from McKinney Boulevard north to Judson Road. Just north of McKinney Boulevard the corporation limit is on the centerline of Hudson Road. Therefore, for the uniform completion of Hudson Road the City will contribute the funds to complete the portion of the project that is within the City Limits.						\$ 157,500
2013-13	Garth, Spaulding and Suzanne Waterline Replacement - This project includes the replacement of existing 6" watermains with 8" watermains. The project is required due to multiple watermain breaks that have occurred (17 breaks from 1996 - 2012).			\$ 95,000	\$ 475,000		
2013-14	Short Street/Grove Avenue Sanitary Sewer Study - This project includes the evaluation of the existing sanitary sewer system in the Short and Grove Street area. The existing system is flat and requires significant time from the Central Maintenance Division to maintain flow in the sewer. The study will determine if modifications to the system are possible that will increase the slope of the system and increase the functionality of the system.						\$ 50,000
2013-03	Berkley & Avondal Property Purchase - This property is purchased for future water main construction to interconnect the eastern dead end of Berley to the easter dead end of Avondal.	\$ 5,200					
1991-15	SR 43 Widening - Settlement with Dominion East Ohio to relocate gas main at Meloy Road (this expense was made after years of discussions with Dominion)	\$ 11,518					
2010-05	Franklin Township - SR 59 Sidewalk Construction - This project includes the construction of new sidewalks and pedestrian signals along the north side of SR 59 from the west Franklin Township Line to Rhodes Road. The project is sponsored by Franklin Township and Portage County and received federal funding from AMATS. The City of Kent costs included in the capital plan is the local share for the portions being constructed in the City limits.	\$ 2,100					
BF-12-01	B&F Carpet Replacement B&F, Council Chambers and HD - This added request is based on condition of carpet in the B&F Department offices and Council Chambers	\$ 18,000					
CD-10-01	South Central Trunk Sewer Phase II - This project will extend the South Central Trunk Sewer 3,250 feet from its current end at the intersection of S.R. 261 and Sunnybrook Road east along S.R. 261 and then south along S. Water Street to a point south of Devon Place to provide service for future development.						
CD-10-02	Atlantic And Great Western Research and Development Park - The project has the potential of outside funding at a yet to be determined amount. The site is generally located south of Summit St, east of the ABC railroad, west of Franklin Avenue and north of Elm Street.						
CD-12-01	Vehicle Replacement - The current vehicle used by the Code Enforcement is nearing the end of its useful life and requires replacement. Currently the Code Enforcement staff is using a vehicle previously used elsewhere in the City and in the event no newer used vehicle becomes available it will need to be replaced.	\$ 15,525					
CM-10-01	Sign Van - As a critical part of the Central Maintenance's fleet, this older van requires considerable maintenance. It is used every day not only for driving, but also for a lot of hours running to keep the safety lights working when the crews are out laboring in the street. The cost includes the required sign post installation and removal of equipment.		\$ 50,000				
CM-10-04	1 ton Dump Truck w/ Spreader and Plow - (Once scheduled in 2012 moved to 2013 and one in 2015 CM-15-04) The one ton dump trucks will replace one of the three 1995 Ford one ton dump trucks. They are used to plow and salt alleys and cul-de-sacs and they also serve as asphalt patch trucks and chipping trucks. These trucks can pull a variety of trailers and are available on the state bid list.	\$ 60,000		\$ 32,500	\$ 52,500		
CM-12-01	Aerial Lift Bucket Truck Replacement - The aerial lift truck is used by the Central Maintenance Division for trimming and pruning trees, hanging Christmas decoration, hanging banners, and assisting other departments in all types of aerial endeavors. It is very important that this truck is working at top performance as people are extended into the air at great heights. The current unit was a used demo when it was purchased and will have been in service for the City for over 15 years.			\$ 75,000			
CM-12-03	Street Sweeper to replace #183 - The purchase of a new Street Sweeper to replace the current 1995 Elgin Whirlwind. This unit has deteriorated to the point that the hopper debris unit of the sweeper has started to rust through and will need to be replaced. To date the unit has had in excess of \$20,000 in repairs. To replace the hopper unit could run in excess of \$20,000. More repair is needed to the mechanical and electrical parts of the machine. The dust control system needs a new water pump and piping. The piping is rusted to the point that the system has to be cleaned 4 to 5 times each time it is run because of the rust inside the pipes. The poly water tank is cracked and needs replaced.	\$ 200,000					
CM-13-00	Central Maintenance Misc. Capital Equipment - [Also CM-14-00, CM-15-01, CM-16-01, CM-17-01 & CM-18-01] This funding source allows the Central Maintenance Division to purchase small capital equipment items greater than \$2,500	\$ 35,000	\$ 25,000	\$ 22,500	\$ 26,250	\$ 27,000	\$ 46,000
CM-13-02	Hooklift Truck with V Box & Dump - (Replace 1 in 2010 and 1 in 2015 CM-15-05) Replace older plow truck where repair costs and down time are already affecting the 1995 fleet of trucks. Replacement is critical since the fleet was bought all at the same time and is deteriorating at a relatively equal rate.	\$ 145,000		\$ 75,000	\$ 116,250	\$ 124,000	
CM-13-03	Pickup Truck - (Replace 1 in 2014 CM-14-01, in 2015 CM-15-03 and 1 in 2017 CM-17-02) The older pickup trucks are rusting at the frames and require increased maintenance to keep them running. Pickup trucks are a critical part of Central Maintenance and need to be kept in good condition. They are used daily for transporting staff, equipment and material and receive additional hours running to keep the safety lights working when the crews are out working in the street.	\$ 23,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	

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CM-14-02	Truck Mounted Leaf Vacuum Unit, Replace #199 a 1985 Truck Mounted Unit - Replace the old #199 1985 Truck Mounted Leaf Vacuum unit. The Central Maintenance Division has Truck Mounted leaf vacuum units for collection of leaf matter each fall. The new unit will be purchased for large volume remote control collection by a single operator.		\$ 150,000				
CM-18-02	Sewer Jet (Sewer Cleaning Machine) - The purchase of a new truck mounted sewer jetting and vacuum machine to replace the older Sewer Jet which is becoming worn out and unsafe to operate.						\$ 300,000
CM-18-03	Sewer Camera - The Sewer Camera is an intrgril part of providing sewer service to customers. The equipment locates defects in the sewer system without the need to complete expensive exploratory excavation.						\$ 220,000
CM-18-04	Rubber Tired Front End Loader - Replace existing Front End Loader model that has exceeded its useful life. Continued use is cost prohibitive due to high maintenance costs and lack of reliability.						\$ 109,000
CM-18-05	Maintenance and Repair Van - The replacement of the Maintenance and Repair Van used to support utility collection and distribution operations is required due to the age of the existing equipment.						\$ 120,000
CM-18-06	Skid Steerer - The current Skid Steerer is at the end of its useful life and needs to be replaced. The City's unit is used not only for loading but has additional attachments for griding pavement and for use as a fork lift.						\$ 59,500
CM-18-07	Street Sweeper - The purchase of a new Street Sweeper to replace the current equipment due to age. The City's Street Sweeper is used to clean weekly throughout the City and the cleaning operation supports the City's Ohio EPA Storm Water Permit water quality requirements						\$ 155,000
CM-18-08	Hot Box - The Hot Box is used to maintain workable temperatures for asphalt placed by staff to maintain asphalt pavement throughout the City. The current Hot Box is near the end of its usefully life and needs to be replaced.						\$ 77,000
CM-18-09	Paver - The Asphalt Paver is used to asphalt pavement throughout the City. The current Paver is near the end of its usefully life and needs to be replaced.						\$ 180,000
CM-18-10	Material Screen - This is a new piece of equipment requested to be used in conjunction with the multi-jurisdictional asphalt recycler. The asphalt recycler works best with large pieces of asphalt and the City needs smaller pieces of asphalt for alley and berming work. The purpose of a Maeterial Screen is to sepearate the recycled asphalt into sizes for specific use.						\$ 47,500
CM-18-11	Excavator - The purchase of a new Excavator will replace one of the two current 1995 Ford 655 Rubber tire Backhoes. The current city Excavaotr has provided the division more flexibility in repairing and maintaining the sanitary, storm and water systems,						\$ 220,000
CM-18-12	Water Leak Correlator - This is a replacement/upgrade equipment request. A Water Leak Correlator is used to locate underground water leaks thus minimizing the amount of exploratory excavation required to determine the exact location of the leak.						\$ 100,000
DS-10-01	General Obligation Bonds - Principal -	\$ 1,223,075	\$ 1,034,295	\$ 858,995	\$ 652,995	\$ 436,695	\$ 216,300
DS-10-02	Issue II Loan - Fairchild -	\$ 25,647	\$ 25,647	\$ 25,647	\$ 25,647	\$ 25,647	\$ 25,647
DS-10-03	Issue II Loan - Elm/Mae/Morris -	\$ 4,300	\$ 4,300	\$ 4,300	\$ 4,300	\$ 4,300	\$ 4,300
DS-10-04	Note Outstanding Fire Station/City Admin. -	\$ 2,246,600	\$ 1,972,260	\$ 1,733,060	\$ 1,449,810	\$ 1,166,560	\$ 888,460
DS-13-01	Issue II Loan - Downtown Erie-Depeyster	\$ 37,000	\$ 29,801	\$ 29,801	\$ 29,801	\$ 29,801	\$ 29,801
ED-15-01	GPS Equipment Replacement - The GPS equipment currently used by the City was purchased in 2003 and requires replacement.			\$ 25,000			
ED-18-01	Inspection Vehicle - The Engineering Division is requesting a replacement vehicle used primarily for construction inspection.						\$ 33,300
FD-11-03	Fire Dept. Replace 2001 Chevy Tahoe - The current unit 1836 will be nine years old during this period. This vehicle is frequently used as the second response vehicle on many EMS runs, and is subject to rough and intense driving. Its replacement is scheduled into the vehicle replacement plan.	\$ 32,000					
FD-13-01	Fire Department Miscellaneous Equipment - (Additional Years FD-14-01, FD-15-01, F5-16-01 & FD-17-01) - Funds are used each year to provide for smaller identified capital needs of the Kent Fire Department.	\$ 30,000	\$ 30,000	\$ 15,000	\$ 22,500	\$ 24,000	\$ 24,500
FD-13-02	Fire Vehicle Replacement Fund - (Additional Years, 14-02, 15-02, 16-02 & 17-02) - An increase of annual dedicated amount for this fund is recommended based on the current estimates of time and projected	\$ 200,000	\$ 350,000	\$ 155,000	\$ 232,500	\$ 248,000	\$ 245,000
FD-13-03	Fire West Side Station Generator Replacement - The generator replacement for the West Side fire station has been scheduled for replacement previously, but had been deferred for cost savings reasons. It now needs to be accomplished.	\$ 30,000					
FD-14-03	Engine Replacement Telesquirt - The 1991 Telesquirt is requested to be replaced in 2014. The need to replace this unit is based on several factors. First the rust build up that is occurring is affecting the torque box which is what controls that ladder'S ability to turn and raise. This has already been repaired once and it continues to deteriorate. The second reason is based on the fact that the manufacturer went bankrupt in 2005-2006, since then parts have become increasingly difficult to find. Recently the unit was out of service for 3 months waiting for parts to be located. The overall condition of the vehicle is deteriorating rapidly despite efforts to extend the life of the vehicle. The cost of the new vehicle will be offset by any trade in amount of resale value at the time of purchasing the new vehicle but due to the changing market and the condition of the vehicle it is too difficult to give an estimate on the value of the truck five years from now.		\$ 850,000				
FD-15-03	Replacement of concrete flooring and drainage system in the West Side Station equipment bays - The concrete floor has degraded significantly since the station was built over fifty years ago. Recently pieces of steel were added to the drain grate to keep them from falling into the drains. This repair was a short term fix in order to get the repair of the floor into the capital plan. The concrete floors are also shifting which is causing a tripping hazard along with the problems with the drains.			\$ 50,000			
FD-15-04	Med Unit 1812 - A 2004 Ambulance unit which will be at the end of it's usefulness due to wear, etc. Replacement has been displaced by one year from normal projected replacement time.			\$ 220,000			
FD-15-05	Rescue 1816 Replacement - This vehicle is a 1992 heavy rescue vehicle. It underwent substantial maintenance work(\$85k) which has given us the potential of extending it's usable life to 2015. But that is the extent of the likelihood of it's continued use. The amount shown in this line is the balance after applying accumulated and current reserve fund amounts. Defer to 2017 based on condition of the vehicle.					\$ 619,000	
FD-16-03	Replace 2003 Chevy Tahoe #1800 - The current unit 1800 will be thirteen years old during this period.				\$ 35,000		
FD-16-04	Replace Pick-Up 1826 - The vehicle is a 2004 model with replacement deferred from 2014				\$ 35,000		
FD-16-05	West Side Fire Station Parking Lot - drainage and pavement repair				\$ 36,000		
FD-17-03	West Side Fire Station Remodel/Reconstuction Phase I -					\$ 120,000	
FD-17-04	West Side Fire Station Remodel/Reconstuction Phase II -					\$ 400,000	
FD-17-05	Fire Inspection Vehicle Replacement -					\$ 22,000	
FD-18-03	Thermal Imaging Equipment - This is a replacement/upgrade equipment request. A Thermal Imaging Camera is used by staff to find the location of hot objects not visable due to smoke or hidden inside of walls or floor cavaties.						\$ 105,000
HD-12-01	Sanitation Inspection Vehicle - The Health Department is requesting a replacement vehicle. Sanitarian inspection vehicle has been junked by Vehicle maintenance to costly for its age to repair. sanitarian needs to conduct inspections.	\$ 19,000		\$ 11,250			

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PD-09-02	Police New Facility (Construction) - This project involves the acquisition of properly located land and the construction of a new police station to replace the currently outdated facility which is experiencing excessive maintenance demands on its old and inefficient systems. The Administration has begun updating of the needs assessment for this project, and is considering the possibility of merging other agency participation in the project. Although this joint approach may provide for some economy of scale, it may also create other project issues. Depending on additional participation, location and parking demands may be much greater, requiring consideration of more stringent site requirements, and land space for increased parking needs. Additionally, the estimate used for budget purposes in this version of the capital plan is several years old, and therefore may be substantially understated. Estimates and joint function discussions are on-going, and may provide greater detail in terms of needs and projected costs.						
PD-10-05	Automated Parking Ticket System - (with hand helds) Current system purchased in 1994 for \$27,000. Annual service contract is currently \$1240. Parking Ticket System between Budget & Finance and Police Department is supported by a dedicated phone line. The vendor, (Enforcement Technology of Oceanside, California) advised two years ago that they were unsure how much longer they could support the antiquated 15 year-old AutoCite system which is not compatible with today's electronic technology. Support of the AutoPark (the accounting software package of the AutoCite system) no longer has a service contract with it.	\$ 5,000					
PD-11-05	Existing PD Building Minimum Repairs - This project will provide minimum repairs to the existing Police Department Facility	\$ 25,000	\$ 50,000	\$ 25,000	\$ 37,500	\$ 60,000	\$ 52,500
PD-12-04	Cruiser Video Recorders - The cruiser video recorders have become an invaluable tool in the prosecution of offenders and in documenting the efforts of the officers who work the streets. This equipment is severely impacted by weather and vehicle mounting, and is also subject to the needs of technological advancements. The age of the equipment at this time will be five years of cruiser-mounted duty.	\$ 24,000					
PD-12-05	Compliance Vehicle Replacement - This vehicle replaces the 2002 Jeep used by the City's Compliance Officer. The vehicle is funded by the savings experienced by the decrease in the number of K-9 Patrol Vehicles purchased from three to two.			\$ 18,500			
PD-13-01	Police Department Miscellaneous Equipment - (Additional Years PD-14-01, PD-15-01, PD-16-01, PD-17-01) - Funds are used each year to provide for smaller identified capital needs of the Kent Police Department.	\$ 32,000	\$ 32,000	\$ 17,500	\$ 26,250	\$ 28,000	\$ 26,250
PD-13-02	Police Unmarked Vehicle Replacement - PD-14-02, PD-15-02, PD-16-02 & PD-17-02 - The Police unmarked vehicle replacements are estimated during future years but will only be replaced as needed. (Purchases in 2014 of \$51,000 & 2016 of \$49,600 moved to 2016)	\$ 30,000	\$ -	\$ -	\$ 89,700	\$ 22,400	
PD-13-03	Police Emergency Siren Replacement - The emergency siren replacement is projected for the sites at the Fairchild Water Tower and the Franklin Avenue Recreation Center. These are the two remaining sirens from the original installation over twenty years ago.		\$ 33,000				
PD-14-03	Digital Recorder Replacement & Storage Media - Electronic Digital Recorder: Purchased in 2006 (\$31,000). Provides digital recording capability for radio communications, E9-1-1 and police telephone line communications. Annual service contract is \$3,400. The current recorder and technology will be 8-9 years old at time of replacement, and is not capable of recording text messaging or other projected technological advances for non-verbal form of telecommunication. Digital Recorder - \$40,000 additional storage media \$9,000		\$ 49,000				
PD-14-04	Acquisition and Training of K-9 Team - Added in 2012, to anticipate the retirement of one of the department K-9 teams. The animal in question will be eight years old at this time.		\$ 12,000		\$ 9,750		
PD-14-05	Cruiser Radios - A total of 12 Cruiser Radios need to be replaced to provide maximum communications for the Police Department.		\$ 16,000				
PD-14-06	Tasers - The current inventory of Tasers have reached the end of their useful life and need to be replaced.		\$ 25,000	\$ 12,500			
PD-14-07	Speed Trailer - The Speed Trailer has reached the end of its useful life and needs to be replaced.		\$ 10,000				
PD-15-05	Police Cruisers - (Qty. 9, Total Shown) - The year 2015 will complete four years with the current fleet of nine vehicles.			\$ 150,000			
PD-16-03	Range shed - The current storage and training building at the range is declining and will need either a major rebuild or replacement.				\$ 11,250		
PD-16-04	Video Security Systems - The implementation of this program is intended to improve security in the downtown and esplanade area. The system would involve the installation of five dual camera boxes at strategic locations which would record and retain images if needed to investigate criminal or vandalism behavior. 1 Tb memory per unit				\$ 37,500	\$ 20,000	
PD-16-06	Mobile Data Terminals - This request is intended to provide for the replacement of fifteen computers which were most-recently deployed in April 2010. The typical life span is 5 years it is requested that they be budgeted for 2015, or 2016 at the latest. That amount should cover incidental items and/or the chance that the technology becomes pricier by then. \$90k was the budget amount in 2010; actual amount spent was \$60k.			\$ 45,000			
PD-16-07	Police Ballistic Vests - Replacement of the Police Department's personnel's ballistic vests is consistent with the Collective Bargaining Agreement 5-year replacement policy.					\$ 24,000	
PD-17-03	Cruiser Video Recorders - The cruiser video recorders have become an invaluable tool in the prosecution of offenders and in documenting the efforts of the officers who work the streets. This equipment is severely impacted by weather and vehicle mounting.					\$ 28,000	
SA-11-01	SAC Roof Replacement - The Service Complex roof is identified as needing replaced because it is reaching it's design life.	\$ 25,000	\$ 25,000	\$ 12,500	\$ 18,750	\$ 24,000	\$ 21,000
SA-13-01	Engineering Division Replacement Plotter for Large Scale Drawings - The current large scale plotter is at the end of its design life and shortly replacement parts for maintenance will no longer be available. The Engineering Division uses the Plotter for Large Scale Drawings daily for projects, presentations and problem resolutions.	\$ 27,000					
SA-13-03	RB&W Property Site Environmental - The City was successful in obtaining a Brownfield Grant and the use of these funds provided the City the ability to analyse its position with regard to purchase of the property on Mogadore Road.	\$ 10,000					
SA-14-01	AMETEK - Purchase and Remediation - This project is part of the downtown redevelopment and includes the purchasing of the AMETEK property of Lake Street (\$106,000) and remediating the site up to a maximum amount of \$500,000 of City funds. The project conditions were set in the AMETEK Purchase Agreement executed in April 2011.	\$ 60,000	\$ 500,000				
SS-11-01	Safety & Service Depts. Phone & Network Study - Prior to the end of the current AT&T phone system and data network Agreement staff recommends exploring alternative solutions to the system. Funding for the project will allow for identifying less expensive alternatives and develop a timeline to implement a new system prior to AT&T Agreement expiration. The 2012 funding amount is a budget amount and will be adjusted based on the study in 2011.	\$ 35,000	\$ 75,000	\$ 60,000	\$ 67,500	\$ 69,000	\$ 66,000
VM-10-01	Fueling Station Replacement/Relocation - This capital project will remove the City's buried gasoline and diesel fuel tanks and relocate the City's fueling facility closer to Vehicle Maintenance placing above ground storage tanks at a new secure location.						\$ 132,000
WR-11-02	WRF, Digester Lid Replacement - This digester (circa 1964) has been diagnosed with a deteriorated floating cover infrastructure and inadequate sludge mixing capabilities. Renovation will consist of draining and cleaning the digester, replacing the existing floating cover and installing new sludge mixing equipment.	\$ 1,010,000					

**2012 CAP PLAN UPDATE
2012 - 2017 Project Descriptions**

Proj.#	Description	2013	2014	2015	2016	2017	2018
	The following narrative describes the major capital outlay needs identified on previous pages, including the justification to expend public funds.						
WR-11-03	WRF, WAS Thickening Project - (2011 Design & 2012 Construction) - The current practice of wasting activated sludge to the head of the plant is vulnerable to increased influent flow. As the plant approaches design flow capacity, it is necessary to remove this vulnerability for process control purposes. This project will entail the design of the best available technology for sludge thickening equipment to reduce the volume of sludge pumped to the anaerobic digestion process. This will enable adequate control over the activated sludge process and the anaerobic sludge digestion process.		\$ -		\$ 60,000		
WR-11-04	WRF, Roof Repair - the 2011 work is the North end of the Maintenance Building. The 2013 work includes the upper and lower digester number 1 & 2 roofs		\$ -	\$ 10,000			
WR-11-06	#2 Primary Clarifier Scum Pit Installation - The #2 clarifier is rarely used due to the on-going maintenance problems associated with the existing grease removal system. The plant is currently at an ADF that justifies the continuous use of this clarifier. The installation of a new grease pit will facilitate this purpose.				\$ -		\$ 125,000
WR-11-07	Rebuild Sec. Clarifier Scum Box/Baffles - This infrastructure was either installed new (2) or rehabbed (2) in 1984. They have deteriorated from corrosion and wear and are in need of replacement.				\$ 100,000		
WR-11-10	Digester Heat Exchangers - The two existing heat exchangers are circa 1965 and in need of replacement.		\$ -	\$ 372,000			
WR-12-04	WRF, Clarifier Sludge Rakes/Skimmer Arms/Baffle Rings - The equipment is circa 1964. One Primary Clarifier and two Secondary Clarifiers will be done each year in 2012 and 2013. These items will need to be sand blasted, cleaned and painted. This work will be done in conjunction with WR-13-02.	\$ 90,000					
WR-13-01	WRF, Misc. Plant Equipment - [In YEAR WR-14-01, WR-15-01, WR-16-01 & WR-17-01] Funds are used each year to provide for smaller identified capital needs at the Water Reclamation Facility.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
WR-13-02	Secondary Clarifier and Aeration Tank Handrail - This handrail is circa 1964 and will need to be replaced.	\$ 40,000					
WR-13-03	WRF, Vehicle Replacement - The 2002 automobile (used by the Plant Manager) will need to be evaluated for potential replacement. (All vehicles will be reviewed by the Chief Mechanic prior to replacement during the year scheduled of anticipated need and will confirm appropriateness of any vehicle replaced.)	\$ 17,000					
WR-13-04	Two W.A.S. Pumps - The current WAS pumps are "centrifugal" and are designed to pump WAS on a periodic basis. We have however moved to a 24/7 wasting program (at great benefit to the plant operation) and these pumps are not able to be adequately controlled at the new low flow rates required. The two new pumps will be "rotary lobe" pumps designed to accurately control low flow WAS rates, giving us more control over the sludge wasting process.	\$ 18,000					
WR-13-05	Utility Cart - Over the years we have purchased and used golf carts to serve as our in-plant utility cart. While a golf cart fits a lot of maintenance/repair activities, it is not sufficient to handle larger/heavier jobs, such as moving larger equipment, hauling dirt, mulch, etc. An actual utility cart would give us the ability to perform these additional tasks without tying up a pickup truck.	\$ 12,000					
WR-13-06	Concrete Repair Project - There are several areas located around the plant where the concrete has deteriorated over the years. While we have used City staff to repair some of these areas, others are large enough and difficult enough that they require an outside contractor. These areas are mainly located in the main flow channels and tanks of the plant.	\$ 20,000					
WR-13-07	Electrical Replacement Program Phase I - There is electrical wire and conduit that dates back to the mid-1950's. There is much more that dates back to the mid-1960's. This electrical wiring has deteriorated to the point where it is no longer trustworthy and may create crisis management situations. The wiring is currently being inspected by a licensed electrician who will make recommendations as to which areas require the most urgent attention. The plan is to do this repair work in stages, based upon the electrician's recommendations.	\$ 10,000					
WR-13-08	College Lift Station Repairs - Removal and replacement of defective pump rails to allow for installation and removal of lift station pumps for maintenance.	\$ 49,950					
WR-14-02	WRF, Dump Truck Replacement - The 1995 10 cu. yd. dump truck used for hauling cake sludge will need to be evaluated for potential replacement. (All vehicles will be reviewed by the Chief Mechanic prior to replacement during the year scheduled of anticipated need and will confirm appropriateness of any vehicle replaced.)				\$ 80,000		\$ 80,000
WR-14-03	Primary Clarifier Rehab - The #2 Primary Clarifier is in need of sandblasting and painting to preserve metal and concrete surfaces.		\$ 85,000				
WR-14-04	MCC Project - Several motor control centers (MCC's) are old (circa 1950 - 1964) and need to be replaced.		\$ 30,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
WR-14-05	Auto-Sampler - This will replace a portable sampler for which parts can be no longer purchased.		\$ 3,500				
WR-14-06	Distillation/Digestion Unit - This 1984 unit prepares lab samples for analysis and is in dire need of replacement		\$ 14,500				
WR-14-07	Fume Hood - This replaces a 1984 unit that has reached the end of its lifespan.		\$ 5,500				
WR-14-08	Explosion-Proof Refrigerator - This is a lab grade sample frig and replaces a circa 1984 unit.		\$ 3,500				
WR-15-02	Digester Gas Burner & Safety Equipment - The circa 1964 gas safety equipment on the anaerobic digesters needs to be replaced. This work is not included in the digester lid replacement projects.			\$ 118,000			
WR-16-01	WRF Generator - This generator will power (at a minimum) the 480 volt turbo blower in the event of an extended power failure. This will also prevent effluent D.O. violations when during power failures.					\$ 250,000	
WR-16-01	Electric Generator - This permanently installed generator will power the effluent area of the plant (plus additional auxiliary equipment) to prevent effluent violations during power outages. Currently, the Yacovona pump station portable generator is being used for this purpose, however it would need to be used accordingly in the event of a widespread power failure.				\$ 50,000		
WR-14-05	Influent Barscreen Rehab - This unit has been in service for 10 years. Moving parts require periodic replacement.			\$ 22,000			
WR-18-03	Post-Aeration Piping - There are several underground leaks in this air line. It will need to be excavated and repaired or replaced.						\$ 60,000
WT-10-04	WTP, Vehicle Replacement - (4x4) The Dodge Ram 4x4 will be eight years old and have about 100,000 miles. It is equipped to plow snow and to gain access to our wells, tanks and booster stations in any weather situation. Staff evaluated the vehicle and recommends deferring purchase from 2010 until 2014.		\$ 30,000				
WT-11-03	WTP, Paint Fairchild Tank - Including Lead Abatement - The Fairchild Tank has been identified by the Staff of the Water Treatment Plant as being possible to paint although it needs lead abatement.	\$ -	\$ 398,000				
WT-12-02	Paint KSU 250,000 gallon Elevated Ball Tank - Painting of the 250,000 elevated ball at KSU is not funded. This project was contingent on the results of the 2008 water tank study.	\$ 391,450					
WT-13-01	WTP, Misc. Plant Equipment - [Additional Years WT-14-01, WT-15-01, WT-16-01 & WT-17-01] Funds are used each year to provide funding for smaller identified Capital needs at the Water Treatment Plant.	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
WT-13-03	Update Plant SCADA System - System Control and Data Acquisition (SCADA) is a computer and software system that translates data from hard wire or radio signals into usable computer screen information. This information can be viewed, recorded and used to control equipment in the plant or at a remote location. Of high importance with the new system is that we retain control of all licenses so that we are not committed to one installer for future upgrades/maintenance as we are presently.	\$ 25,000					

**2012 CAP PLAN UPDATE
2012 - 2017 Project Descriptions**

Proj.#	Description	2013	2014	2015	2016	2017	2018
	The following narrative describes the major capital outlay needs identified on previous pages, including the justification to expend public funds.						
WT-13-04	WTP, Water Treatment - Well Cleaning No. 12 - (Well No. 13 - WT-14-02; Well No. 11 - WT-15-02; Well No. 10 - WT-17-02) The cleaning of the Water Treatment Plant wells is an ongoing maintenance project which is completed to guarantee a quality water source for the City's customers.	\$ 30,000	\$ 30,000	\$ 30,000		\$ 30,000	\$ 30,000
WT-14-03	WTP, Gravel Replacement in Recharge Basin - This project includes complete gravel replacement in recharge basin by outside contractor. Gravel was replaced in 2008 and experience shows about a 6 year life cycle.		\$ 30,000				
WT-14-04	Repair and Materials for Perrin Sludge Presses - Are of the Perrin Sludge Presses require maintenance to be completed in order to maintain the operation status of the equipment		\$ 60,000				
WT-15-03	Lime Spreader Replacement - The 2000 vintage lime spreader needs to be replaced. The lime spreader is used by farmers to spread lime which is a by-product of the City's water treatment process and in the past the City paid to have the lime hauled away.			\$ 40,000			
WT-17-03	Remove and Repalce Pavement with 6" Aggregate - The WTP parking lot was constructed circa 1974 and is at the end of its life expectancy requiring complete removal and replacement.				\$ 350,000		
WT-17-04	Paint KSU 400,000 gallon Elevated Ball Tank - Painting inclndug lead abatement of the 400,000 elevated ball at KSU is scheduled for 2017.					\$ 680,000	
Totals by Department/Division Project Description Page							
	Engineering Capital Projects	\$ 5,743,134	\$ 1,675,000	\$ 14,481,500	\$ 5,012,500	\$ 930,000	\$ 1,097,500
	Budget & Finance IT	\$ 18,000	\$ -	\$ -	\$ -	\$ -	\$ -
	Community Development	\$ 15,525	\$ -	\$ -	\$ -	\$ -	\$ -
	Central Maintenance	\$ 463,000	\$ 250,000	\$ 230,000	\$ 220,000	\$ 176,000	\$ 1,634,000
	Debt Service	\$ 3,536,622	\$ 3,066,303	\$ 2,651,803	\$ 2,162,553	\$ 1,663,003	\$ 1,164,508
	Engineering Division	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ 33,300
	Fire Department	\$ 292,000	\$ 1,230,000	\$ 440,000	\$ 361,000	\$ 1,433,000	\$ 374,500
	Health Department	\$ 19,000	\$ -	\$ 11,250	\$ -	\$ -	\$ -
	Police Department	\$ 116,000	\$ 227,000	\$ 268,500	\$ 211,950	\$ 182,400	\$ 78,750
	Service Department	\$ 122,000	\$ 525,000	\$ 12,500	\$ 18,750	\$ 24,000	\$ 21,000
	Safety & Service	\$ 35,000	\$ 75,000	\$ 60,000	\$ 67,500	\$ 69,000	\$ 66,000
	Vehicle Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 132,000
	Water Reclamation Facility	\$ 1,316,950	\$ 192,000	\$ 722,000	\$ 490,000	\$ 450,000	\$ 465,000
	Water Treatment Plant	\$ 496,450	\$ 598,000	\$ 120,000	\$ 400,000	\$ 760,000	\$ 80,000
	Total:	\$ 12,173,681	\$ 7,838,303	\$ 19,022,553	\$ 8,944,253	\$ 5,687,403	\$ 5,146,558
	Total for new Police Facility:						
	Total Adjusted Down for new Police Facility:	\$ 12,173,681	\$ 7,838,303	\$ 19,022,553	\$ 8,944,253	\$ 5,687,403	\$ 5,146,558
From Individual Yearly CIP Reports							
	Engineering Capital Projects	\$ 5,743,134	\$ 1,675,000	\$ 14,481,500	\$ 5,012,500	\$ 930,000	\$ 1,097,500
	Budget & Finance IT	\$ 18,000	\$ -	\$ -	\$ -	\$ -	\$ -
	Community Development	\$ 15,525	\$ -	\$ -	\$ -	\$ -	\$ -
	Central Maintenance	\$ 463,000	\$ 250,000	\$ 230,000	\$ 220,000	\$ 176,000	\$ 1,634,000
	Debt Service	\$ 3,536,622	\$ 3,066,303	\$ 2,651,803	\$ 2,162,553	\$ 1,663,003	\$ 1,164,508
	Engineering Division	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ 33,300
	Fire Department	\$ 292,000	\$ 1,230,000	\$ 440,000	\$ 361,000	\$ 1,433,000	\$ 374,500
	Health Department	\$ 19,000	\$ -	\$ 11,250	\$ -	\$ -	\$ -
	Police Department	\$ 116,000	\$ 227,000	\$ 268,500	\$ 211,950	\$ 182,400	\$ 78,750
	Service Department	\$ 122,000	\$ 525,000	\$ 12,500	\$ 18,750	\$ 24,000	\$ 21,000
	Safety & Service	\$ 35,000	\$ 75,000	\$ 60,000	\$ 67,500	\$ 69,000	\$ 66,000
	Vehicle Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 132,000
	Water Reclamation Facility	\$ 1,316,950	\$ 192,000	\$ 722,000	\$ 490,000	\$ 450,000	\$ 465,000
	Water Treatment Plant	\$ 496,450	\$ 598,000	\$ 120,000	\$ 400,000	\$ 760,000	\$ 80,000
	Total:	\$ 12,173,681	\$ 7,838,303	\$ 19,022,553	\$ 8,944,253	\$ 5,687,403	\$ 5,146,558

City of Kent, Ohio 2013 Capital Plan - Analysis of Water Fund

2013 - 2018 BUDGET / 2013 is current year's budget as of 9/17/13, 2014 is 2013 TAX Budget - As Adjusted											
2013-2018 Assume Water Rev increase 9% - 2013, 4% - 2014-2015, 3% - 2016, no increases 2017-2018 / Operating Expenses +2.5% compounded annually											
Current Debt Service is Known, Capital Outlay is from 2013 Capital Plan dtd 9/16/13											
Water Fund - F#201	2008 - 2012 ACTUAL (Cash Basis of Accounting)										
Description	Actual 2008	Actual 2009	Actual 2010	Actual 2011	Actual 2012	Budget 2013	Budget 2014	Budget 2015	Budget 2016	Budget 2017	Budget 2018
Beginning Balance	\$3,253,207.69	\$3,122,557.32	\$2,320,232	\$2,006,430	\$2,182,696	\$2,023,428	\$2,090,936	\$1,860,088	\$1,800,600	\$968,768	\$1,580,573
Operating Revenues											
Water Sales	\$2,607,145.28	\$2,594,049.73	\$2,689,587	\$2,638,029	\$2,964,174	\$3,230,950	\$3,360,188	\$3,494,595	\$3,599,433	\$3,599,433	\$3,599,433
Tap-in fees	\$44,457.94	\$24,411.70	\$20,303	\$132,259	\$24,888	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Special Assessments	\$40,709.76	\$41,201.54	\$46,766	\$40,227	\$40,135	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Cell Tower Rent	\$34,371.24	\$36,894.00	\$36,894	\$36,482	\$37,080	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000	\$37,000
All Other Miscellaneous Revenue	\$2,359.36	\$36,954.56	\$6,332	\$64,276	\$8,091	\$0	\$0	\$0	\$0	\$0	\$0
Sale of Assets	\$0.00	\$0.00	\$23,378	\$0	\$5,677	\$0	\$0	\$0	\$0	\$0	\$0
Interest Income	\$130,705.38	\$67,570.31	\$31,768	\$11,256	\$12,497	\$13,000	\$15,000	\$17,000	\$17,000	\$17,000	\$17,000
Total Operating Revenue	\$2,859,748.96	\$2,801,081.84	\$2,855,028	\$2,922,529	\$3,092,542	\$3,345,950	\$3,477,188	\$3,613,595	\$3,718,433	\$3,718,433	\$3,718,433
Operating Expenses											
Plant	\$1,360,061.49	\$1,408,399.58	\$1,370,327	\$1,310,983	\$1,368,053	\$1,389,553	\$1,424,292	\$1,459,899	\$1,496,397	\$1,533,807	\$1,572,152
Utility Distribution	\$659,669.47	\$689,178.75	\$680,000	\$725,407	\$674,310	\$682,810	\$699,880	\$717,377	\$735,312	\$753,694	\$772,537
Administrative Support	\$461,317.74	\$508,010.59	\$464,958	\$437,137	\$435,979	\$444,380	\$455,490	\$466,877	\$478,549	\$490,512	\$502,775
Refunds	\$34,320.50	\$34,171.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Contingency	\$0.00	\$0.00	\$0.00	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Transfer to Fund #204 - Utility Billing	\$20,000.00	\$30,000.00	\$38,000	\$38,000	\$41,088	\$41,088	\$42,115	\$43,168	\$44,247	\$45,353	\$46,487
Repay Advance to F#116 - Income Tax						\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
Total Operating Expense	\$2,535,369.20	\$2,669,760.30	\$2,553,285	\$2,511,527	\$2,519,430	\$2,687,831	\$2,751,777	\$2,817,321	\$2,884,504	\$2,953,367	\$3,023,951
Operating Revenue less Expense	\$324,379.76	\$131,321.54	\$301,743	\$411,002	\$573,112	\$658,119	\$725,411	\$796,274	\$833,929	\$765,066	\$694,482
Debt Service (OWDA Loans P & I)											
Franklin Hills Waterline (to 7/1/2027)	\$13,711.62	\$16,519.14	\$16,519	\$16,519	\$16,519	\$16,520	\$16,519	\$16,520	\$16,520	\$16,520	\$16,520
Kent Ravenna Interconnect (to 12/31/2023)	\$34,440.20	\$34,440.20	\$34,441	\$34,441	\$34,440	\$34,441	\$34,440	\$34,441	\$34,441	\$34,441	\$34,441
Issue II Loan - Erie & Depeyster Streets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,800	\$4,800	\$4,800	\$4,800	\$4,800
Total Debt Service	\$48,151.82	\$50,959.34	\$50,960	\$50,960	\$50,959	\$50,961	\$55,759	\$55,761	\$55,761	\$55,761	\$55,761
NET OPERATING - AFTER DEBT SERVICE	\$276,227.94	\$80,362.20	\$250,783	\$360,042	\$522,153	\$607,158	\$669,652	\$740,513	\$778,168	\$709,305	\$638,721
Other Funding Sources (Non-operating)											
Capital Grants/Other Intergovtl Revenue	\$0.00	\$0.00	\$62,681	\$0	\$30,091	\$0	\$0	\$0	\$0	\$0	\$0
OPWC - Middlebury Road Waterline	\$0.00	\$0.00	\$0	\$0	\$344,059	\$0	\$0	\$0	\$0	\$0	\$0
Ohio Water Development Authority (OWDA)	\$0.00	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
From CAP Year Report(s) for 2012 - 2017											
Total Other Funding Sources	\$0.00	\$0.00	\$62,681	\$0	\$374,150	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal - Available for Capital	\$276,227.94	\$80,362.20	\$313,464	\$360,042	\$896,303	\$607,158	\$669,652	\$740,513	\$778,168	\$709,305	\$638,721
Capital Outlay											
Plant	\$308,096.68	\$166,446.64		\$111,440	\$98,008	\$515,650					
Utility Distribution	\$43,573.30	\$19,375.41		\$12,311	\$43,461	\$19,000					
Capital Facilities/Infrastructure	\$55,208.33	\$476,056.45	\$362,837	\$156,766	\$720,565	\$5,000					
From CAP Year Report(s) for 2014 - 2018							\$900,500	\$800,000	\$1,610,000	\$97,500	\$349,500
Total Capital Outlay	\$406,878.31	\$661,878.50	\$362,837	\$280,517	\$862,034	\$539,650	\$900,500	\$800,000	\$1,610,000	\$97,500	\$349,500
Recovery of Prior Year Encumbrances			\$72,460	\$202,869							
Ending Cash Balance	\$3,122,557.32	\$2,541,041.02	\$2,343,320	\$2,288,824	\$2,216,965	\$2,090,936	\$1,860,088	\$1,800,600	\$968,768	\$1,580,573	\$1,869,794
Encumbrances	\$176,297.31	\$220,808.89	\$336,889	\$106,128	\$193,537	\$0	\$0	\$0	\$0	\$0	\$0
Ending Unencumbered Balance	\$2,946,260.01	\$2,320,232.13	\$2,006,430	\$2,182,696	\$2,023,428	\$2,090,936	\$1,860,088	\$1,800,600	\$968,768	\$1,580,573	\$1,869,794

City of Kent, Ohio 2013 Capital Plan - Analysis of Sewer Fund

2013 - 2018 BUDGET / 2013 is current year's budget as of 9/17/13, 2014 is 2013 TAX Budget - As Adjusted											
2013-2018 Assume Sewer Rev increase 9% - 2013, 4% - 2014-2015, 3% - 2016, no increases 2017-2018 / Operating Expenses +2.5% compounded annually											
Current Debt Service is Known, Capital Outlay is from 2013 Capital Plan dtd 9/16/13											
Description	2008 - 2012 ACTUAL (Cash Basis of Accounting)			2013 - 2018 BUDGET							
	Actual 2008	Actual 2009	Actual 2010	Actual 2011	Actual 2012	Budget 2013	Budget 2014	Budget 2015	Budget 2016	Budget 2017	Budget 2018
Sewer Fund - F#202											
Beginning Balance	\$3,151,299.32	\$2,463,955.57	\$1,822,882	\$1,717,147	\$1,872,240	\$2,427,529	\$1,839,601	\$2,352,788	\$2,389,102	\$2,649,469	\$3,391,237
Operating Revenues											
Sewer fees	\$3,362,530.10	\$3,345,463.55	\$3,449,394	\$3,455,655	\$3,711,038	\$4,045,031	\$4,206,833	\$4,375,106	\$4,506,359	\$4,506,359	\$4,506,359
Tap-in fees	\$45,424.36	\$23,060.72	\$15,911	\$260,259	\$30,478	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Assessments	\$49,089.01	\$48,212.03	\$56,170	\$93,709	\$32,251	\$48,460	\$48,460	\$48,460	\$48,460	\$48,460	\$48,460
Other - Plumbing and Waste Water Permits, Misc.	\$14,360.86	\$46,222.99	\$21,729	\$20,293	\$15,808	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Interest	\$134,578.61	\$67,576.32	\$25,706	\$10,565	\$12,105	\$13,000	\$15,000	\$17,000	\$17,000	\$17,000	\$17,000
Total Operating Revenue	\$3,605,982.94	\$3,530,535.61	\$3,568,910.00	\$3,840,481.00	\$3,801,680.00	\$4,141,491.42	\$4,305,292.68	\$4,475,565.98	\$4,606,819.16	\$4,606,819.00	\$4,606,819.00
Operating Expenses											
Lab	\$339,704.22	\$343,436.94	\$355,142	\$397,428	\$321,071	\$283,123	\$290,201	\$297,456	\$304,893	\$312,515	\$320,328
Utility Distribution	\$595,905.99	\$604,922.62	\$580,752	\$653,023	\$608,802	\$693,802	\$711,147	\$728,926	\$747,149	\$765,828	\$784,973
Plant	\$1,337,536.60	\$1,367,285.73	\$1,372,848	\$1,343,457	\$1,243,769	\$1,399,548	\$1,434,537	\$1,470,400	\$1,507,160	\$1,544,839	\$1,583,460
Administrative Support	\$457,503.98	\$500,474.87	\$460,095	\$429,273	\$433,418	\$475,932	\$487,830	\$500,026	\$512,527	\$525,340	\$538,473
Refunds	\$51,446.26	\$28,231.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Contingency	\$0.00	\$0.00	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Transfer to Fund #204 - Utility Billing	\$20,000.00	\$30,000.00	\$38,000	\$38,000	\$41,088	\$41,088	\$42,115	\$43,168	\$44,247	\$45,353	\$46,487
Repay Advance to F#116 - Income Tax						\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000
Total Operating Expense	\$2,802,097.05	\$2,874,351.41	\$2,806,837	\$2,861,181	\$2,648,148	\$3,008,493	\$3,080,830	\$3,154,976	\$3,230,975	\$3,308,875	\$3,388,722
Operating Revenue less Expense	\$803,885.89	\$656,184.20	\$762,073	\$979,300	\$1,153,532	\$1,132,998	\$1,224,462	\$1,320,590	\$1,375,844	\$1,297,944	\$1,218,097
Debt Service											
Debt Issuance Expense	\$2,465.91	\$2,653.99	\$2,648.50	\$2,433	\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Bond Anticipation Notes (Principal & Interest)	\$1,986,187.78	\$949,312.50	\$865,177.16	\$804,910	\$742,330	\$681,750	\$621,150	\$571,650	\$509,850	\$448,050	\$386,250
OWDA Loans - Sanitary Sewer Imp. (Prin & Int)	\$302,827.74	\$310,226.34	\$310,226.34	\$310,226	\$310,226	\$310,226	\$312,626	\$312,626	\$312,626	\$312,626	\$312,626
Total Debt Service Expense	\$2,291,481.43	\$1,262,192.83	\$1,178,052.00	\$1,117,569	\$1,052,556	\$994,976	\$936,776	\$887,276	\$825,476	\$763,676	\$701,876
less Debt Refunding-Sale of Notes (w/Premium)	\$918,980.25	\$859,232.25	\$799,324.80	\$737,911	\$676,943	\$615,000	\$555,000	\$495,000	\$435,000	\$375,000	\$315,000
Net Debt Service Expense	\$1,372,501.18	\$402,960.58	\$378,727.20	\$379,658	\$375,613	\$379,976	\$381,776	\$392,276	\$390,476	\$388,676	\$386,876
NET OPERATING - AFTER DEBT SERVICE	(\$568,615.29)	\$253,223.62	\$383,345	\$599,642	\$777,919	\$753,022	\$842,686	\$928,314	\$985,368	\$909,268	\$831,221
Other Funding Sources (Non-operating)											
Capital Grants/Other Intergovernmental Revenue	\$0.00	\$0.00	\$0	\$0	\$229,879	\$0	\$0	\$0	\$0	\$0	\$0
WPLCF Loan	\$0.00	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Recovery of Prior Year Encumbrances			\$66,456	\$298,499	\$0	\$0	\$0	\$0	\$0	\$0	\$0
From CAP Year Report(s) for 2012 - 2017			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Other Funding Sources	\$0.00	\$0.00	\$66,456	\$298,499	\$229,879	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal - Available for Capital	(\$568,615.29)	\$253,223.62	\$449,801	\$898,141	\$1,007,798	\$753,022	\$842,686	\$928,314	\$985,368	\$909,268	\$831,221
Capital Outlay											
Lab	\$0.00	\$0.00	\$21,549	\$5,946	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Utility Distribution	\$68,428.30	\$246,633.40	\$0.00	\$9,872	\$35,993	\$5,000	\$0	\$0	\$0	\$0	\$0
Plant	\$48,633.49	\$77,283.54	\$36,045	\$335,876	\$215,650	\$1,335,950	\$0	\$0	\$0	\$0	\$0
Capital Facilities/Infrastructure	\$1,666.67	\$338,015.78	\$249,703	\$285,159	\$159,281	\$0	\$0	\$0	\$0	\$0	\$0
From CAP Year Report(s) for 2014 - 2018							\$329,500	\$892,000	\$725,000	\$167,500	\$1,074,500
Total Capital Outlay	\$118,728.46	\$661,932.72	\$307,297	\$636,853	\$410,924	\$1,340,950	\$329,500	\$892,000	\$725,000	\$167,500	\$1,074,500
Ending Cash Balance	\$2,463,955.57	\$2,055,246.47	\$1,965,387	\$1,978,435	\$2,469,114	\$1,839,601	\$2,352,788	\$2,389,102	\$2,649,469	\$3,391,237	\$3,147,959
Encumbrances	\$171,187.53	\$232,363.98	\$248,239.38	\$106,195	\$41,585						
Ending Unencumbered Balance	\$2,292,768.04	\$1,822,882.49	\$1,717,147	\$1,872,240	\$2,427,529	\$1,839,601	\$2,352,788	\$2,389,102	\$2,649,469	\$3,391,237	\$3,147,959

City of Kent, Ohio 2013 Capital Plan - Analysis of Storm Water Fund

Description	2008 - 2012 ACTUAL (Cash Basis of Accounting)					2013 - 2018 BUDGET / 2013 is current year's budget as of 9/17/13, 2014 is 2013 TAX Budget - As Adjusted 2013 - 2018 Assume Annual Revenue's remain same, Operating Expenses +2.5% compounded annually, Current Debt Service is Known, Capital Outlay is from 2013 Capital Plan dtd 9/16/13						
	Actual	Actual	Actual	Actual	Actual	Budget	Budget	Budget	Budget	Budget	Budget	
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Storm Water Drainage - F#208												
Beginning Balance	\$2,638,308.89	\$2,969,645.20	\$2,744,426	\$2,733,038	\$2,671,910	\$2,521,177	\$776,165	\$331,931	(\$753,912)	(\$856,652)	(\$921,586)	
Operating Revenues												
Storm Water Charges	\$570,028.48	\$551,339.35	\$537,761	\$546,285	\$569,902	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	
Special Assessments	\$8,920.58	\$39,550.54	\$25,969	\$21,766	\$19,619	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	
Storm Sewer Tap in fees	\$2,675.00	\$1,000.00	\$700	\$600	\$700	\$0	\$0	\$0	\$0	\$0	\$0	
Interest Income	\$122,411.98	\$76,779.91	\$41,434	\$8,760	\$956	\$0	\$0	\$0	\$0	\$0	\$0	
All Other Misc. Revenue	\$6,694.65	\$6,374.12	\$7,156	\$7,374	\$7,800	\$7,000	\$0	\$0	\$0	\$0	\$0	
Transfer In From Income Tax - F#116	\$0.00	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Revenues	\$710,730.69	\$675,043.92	\$613,020	\$584,785	\$598,977	\$577,000	\$570,000	\$570,000	\$570,000	\$570,000	\$570,000	
Operating Expenses												
Salaries & Fringes	\$0.00	\$0.00	\$386,361	\$411,702	\$408,760	\$418,979	\$429,453	\$440,190	\$451,195	\$462,474	\$474,036	
Other Operating	\$29,820.83	\$18,380.78	\$26,899	\$29,894	\$33,137	\$33,965	\$34,815	\$35,685	\$36,577	\$37,491	\$38,429	
Refunds	\$0.00	\$2.30	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	\$30,000.00	\$30,000.00	\$30,000	\$30,000	\$30,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	
Total Operating Expenses	\$59,820.83	\$48,383.08	\$443,260	\$471,596	\$471,897	\$562,944	\$574,268	\$585,875	\$597,772	\$609,966	\$622,465	
Operating Revenue less Expense	\$650,909.86	\$626,660.84	\$169,760	\$113,189	\$127,080	\$14,056	(\$4,268)	(\$15,875)	(\$27,772)	(\$39,966)	(\$52,465)	
Debt Service (OWDA Loans)												
Repay Issue II Loan(s) - Principal Only - 0% Interest	\$3,650.95	\$4,967.20	\$4,967	\$2,484	\$4,967	\$4,968	\$4,966	\$4,968	\$4,968	\$4,968	\$4,968	
Repay Issue II Loan - Area Q Phase V	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	
Total Debt Service	\$3,650.95	\$4,967.20	\$4,967	\$2,484	\$4,967	\$4,968	\$9,966	\$9,968	\$9,968	\$9,968	\$9,968	
NET OPERATING - AFTER DEBT SERVICE	\$647,258.91	\$621,693.64	\$164,793	\$110,705	\$122,113	\$9,088	(\$14,234)	(\$25,843)	(\$37,740)	(\$49,934)	(\$62,433)	
Other Funding Sources (Non-operating)												
Issue II Grant(s)	\$0.00	\$325,715.03	\$110,725	\$134,176	\$0	\$545,000	\$0	\$0	\$0	\$0	\$0	
Issue II Loans(s)	\$1,852.47	\$0.00	\$0	\$0	\$58,337	\$100,000	\$0	\$0	\$0	\$0	\$0	
Federal Aid - ARRA via OWDA - Plum Creek	\$0.00	\$0.00	\$1,089,847	\$0	\$109,506	\$0	\$0	\$0	\$0	\$0	\$0	
State & Local Aid - City of Stow	\$0.00	\$0.00	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	
Recovery of Prior Year Encumbrances			\$117,057	\$192,960	\$47,391	\$0	\$0	\$0	\$0	\$0	\$0	
From CAP Year Report(s) for 2012 - 2017					\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Other Funding Sources	\$1,852.47	\$325,715.03	\$1,317,629	\$327,136	\$215,234	\$695,000	\$0	\$0	\$0	\$0	\$0	
Subtotal - Available for Capital	\$649,111.38	\$947,408.67	\$1,482,422	\$437,841	\$337,347	\$704,088	(\$14,234)	(\$25,843)	(\$37,740)	(\$49,934)	(\$62,433)	
Capital Outlay												
Service					\$23,975	\$5,000						
Capital Facilities	\$317,775.07	\$949,437.38	\$1,110,351	\$361,184	\$464,105	\$2,444,100	\$0	\$0	\$0	\$0	\$0	
From CAP Year Report(s) for 2014 - 2018							\$430,000	\$1,060,000	\$65,000	\$15,000	\$513,000	
Total Capital Outlay	\$317,775.07	\$949,437.38	\$1,110,351	\$361,184	\$488,080	\$2,449,100	\$430,000	\$1,060,000	\$65,000	\$15,000	\$513,000	
Ending Cash Balance	\$2,969,645.20	\$2,967,616.49	\$3,116,497	\$2,809,695	\$2,521,177	\$776,165	\$331,931	(\$753,912)	(\$856,652)	(\$921,586)	(\$1,497,019)	
Encumbrances	\$476,557.44	\$223,190.45	\$383,459	\$137,785								
Ending Unencumbered Balance	\$2,493,087.76	\$2,744,426.04	\$2,733,038	\$2,671,910	\$2,521,177	\$776,165	\$331,931	(\$753,912)	(\$856,652)	(\$921,586)	(\$1,497,019)	
Personnel & Fringe Expenses negated							\$418,979.00	\$429,453.48	\$440,189.81	\$451,194.56	\$462,474.42	\$474,036.28
Ending Unencumbered Balance - Adjusted if Personnel & Fringe Expenses not approved by KCC							\$1,195,144	\$761,384	(\$313,722)	(\$405,457)	(\$459,111)	(\$1,022,982)

CITY OF KENT, OHIO

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 2008 through 2012 and Budgeted Fiscal Years 2013 through 2018

Major Governmental Funds

Descriptor	Actual 2008	Actual 2009	Actual 2010	Actual 2011	Actual 2012	Budget 2013	Budget 2014	Budget 2015	Budget 2016	Budget 2017	Budget 2018
Beginning Combined Funds Balance	12,724,944	12,647,525	11,803,289	9,958,030	8,767,380	8,294,697	8,774,121	8,803,152	8,713,687	8,592,753	8,185,243
Operating Revenues											
Property and other taxes	1,636,085	1,812,685	1,813,481	1,618,911	1,817,408	1,820,919	1,820,919	1,820,919	1,820,919	1,820,919	1,820,919
* Income Taxes	10,871,742	10,482,215	10,453,032	10,711,488	12,067,197	12,300,000	12,300,000	12,500,000	12,750,000	12,750,000	12,750,000
JEDD Taxes	187,793	198,720	201,625	254,592	367,878	428,000	428,000	428,000	428,000	428,000	428,000
Fees, licenses and permits	100,569	76,079	76,814	375,623	228,663	76,000	76,000	76,000	76,000	76,000	76,000
Intergovernmental	2,735,221	2,548,113	2,768,144	3,489,259	1,998,135	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Estate Taxes	186,395	158,284	210,602	224,234	670,341	80,000	-	-	-	-	-
Grants (Non-capital)	30,048	38,308	30,482	313,176	30,411	30,000	30,000	30,000	30,000	30,000	30,000
Charges for services	1,332,680	1,232,156	1,286,819	1,213,226	1,443,888	1,247,166	1,247,166	1,247,166	1,247,166	1,247,166	1,247,166
Fines and forfeits	225,288	226,121	196,821	175,930	198,215	200,000	200,000	200,000	200,000	200,000	200,000
Special assessments	114,545	101,979	103,658	108,394	152,297	100,000	100,000	100,000	100,000	100,000	100,000
Proceeds from sale of assets	2,500	2,500	15,220	2,500	15,346	2,000	2,000	2,000	2,000	2,000	2,000
Interest	887,370	484,071	265,593	180,271	157,115	160,000	185,000	200,000	200,000	200,000	200,000
Managed Reserve Contribution (from interest)	(90,684)	(42,206)	(26,781)	(31,660)	(29,860)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)
Miscellaneous	234,996	112,722	180,182	241,475	61,179	85,500	85,500	85,500	85,500	85,500	85,500
Advance/Transfer to other funds (net)	170,000	(85,913)	(652,469)	(432,631)	(1,280,762)	125,000	125,000	125,000	125,000	125,000	125,000
Total Revenues	18,624,548	17,345,834	16,923,223	18,444,788	17,897,451	19,129,585	19,074,585	19,289,585	19,539,585	19,539,585	19,539,585
Operating Expenses											
Security of persons and property	8,953,960	9,133,802	9,428,694	10,086,359	10,016,126	10,216,449	10,420,777	10,629,193	10,841,777	11,058,612	11,279,785
Public health and welfare	500,681	490,335	462,024	540,140	456,997	466,137	475,460	484,969	494,668	504,562	514,653
Community development	2,688,940	1,252,782	1,253,009	1,672,986	1,219,550	1,243,941	1,268,820	1,294,196	1,320,080	1,346,482	1,373,411
Transportation	1,597,383	1,565,037	1,495,569	1,493,581	1,456,328	1,485,455	1,515,164	1,545,467	1,576,376	1,607,904	1,640,062
General government	2,799,318	2,753,865	2,744,551	2,710,725	2,529,826	2,580,423	2,632,031	2,684,672	2,738,365	2,793,132	2,848,995
Total Expenses	16,540,282	15,195,821	15,383,847	16,503,791	15,678,827	15,992,404	16,312,252	16,638,497	16,971,267	17,310,692	17,656,906
Operating Revenues less Expenses	2,084,266	2,150,013	1,539,376	1,940,997	2,218,624	3,137,181	2,762,333	2,651,088	2,568,318	2,228,893	1,882,679
*Adjustment for Charter Required Capital		(2,484,925.17)	(2,477,629.42)	(2,579,634)	(2,918,484)	(2,750,000)	(2,750,000)	(2,800,000)	(2,850,000)	(2,850,000)	(2,850,000)
Net Operating Position		(334,912)	(938,253)	(638,637)	(699,860)	387,181	12,333	(148,912)	(281,682)	(621,107)	(967,321)
Other Funding Sources/Uses											
Proceeds from sale of notes/bonds	3,218,942	2,979,677	2,739,824	2,494,875	2,221,385	2,965,000	2,505,000	2,030,000	1,545,000	1,065,000	580,000
Debt service and issuance costs	(3,860,052)	(3,602,018)	(3,018,553)	(2,767,194)	(2,514,046)	(3,536,622)	(3,066,303)	(2,651,803)	(2,162,553)	(1,663,003)	(1,164,508)
Capital grants	1,938,196	1,854,844	1,317,998	778,148	2,839,756	1,929,224	940,000	11,500,000	2,310,000	641,000	-
Net - Other Funding Sources/Uses	1,297,086	1,232,503	1,039,269	505,829	2,547,095	1,357,602	378,697	10,878,197	1,692,447	42,997	(584,508)
Available for Capital Outlay	3,381,352	3,382,516	2,578,645	2,446,826	4,765,719	4,494,783	3,141,030	13,529,285	4,260,765	2,271,890	1,298,171
Capital Outlay	3,621,725	4,457,150	4,702,001	3,694,791	5,512,678	4,015,359	3,112,000	13,618,750	4,381,700	2,679,400	2,097,550
Revenues/Sources minus Expenditures/Uses	(240,373)	(1,074,634)	(2,123,356)	(1,247,965)	(746,959)	479,424	29,030	(89,465)	(120,935)	(407,510)	(799,379)
Recovery of prior year encumbrances	162,954	230,398	278,097	57,315	274,276	-	-	-	-	-	-
Combined Funds Balance - January 1	12,724,944	12,647,525	11,803,289	9,958,030	8,767,380	8,294,697	8,774,121	8,803,152	8,713,687	8,592,753	8,185,243
Combined Funds Balance - December 31	12,647,525	11,803,289	9,958,030	8,767,380	8,294,697	8,774,121	8,803,152	8,713,687	8,592,753	8,185,243	7,385,864
Change in Combined Funds Balance	(77,419)	(844,236)	(1,845,259)	(1,190,650)	(472,683)	479,424	29,030	(89,465)	(120,935)	(407,510)	(799,379)
Managed Reserve Balance	2,120,761	2,162,967	2,189,748	2,221,408	2,251,268	2,276,268	2,301,268	2,326,268	2,351,268	2,376,268	2,401,268

2012 Solid Waste Utility Rate Analysis - 2013 CIP Update

Solid Waste Fund 20-year analysis

Solid Waste Funds Budget With Capital	Capital Contingency	Budget Projections (6-years of Data)					Future Budget Projections (15-years of Projections)					Future Budget Projections (15-years of Projections)					Total 21-years					
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2029	2030	2031	2032	2033
	1 to 5-years	1 to 5-years	1 to 5-years	1 to 5-years	1 to 5-years	6 to 10-years	6 to 10-years	6 to 10-years	6 to 10-years	6 to 10-years	6 to 10-years	11 to 15-years	11 to 15-years	11 to 15-years	11 to 15-years	11 to 15-years		16 to 20-years	16 to 20-years	16 to 20-years	16 to 20-years	16 to 20-years
City of Kent 2013 Capital Improvements Program																						
Capital Projects																						
Central Maintenance (Leaf Collection Equipment)	\$ 150,000																					
Administration																						
Total of the City of Kent 2011 CIP:	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Costs																						
Personel & Benefits (% per year based on calc. below)	\$ 60,322	\$ 63,365	\$ 64,463	\$ 66,226	\$ 68,212	\$ 70,259	\$ 72,366	\$ 74,537	\$ 76,774	\$ 79,077	\$ 81,449	\$ 83,893	\$ 86,409	\$ 89,002	\$ 91,672	\$ 94,422	\$ 97,254	\$ 100,172	\$ 103,177	\$ 106,273	\$ 109,461	\$ 1,738,783
Materials and Supplies (% per year based on calc. below)	\$ 3,246	\$ 3,278	\$ 3,311	\$ 3,344	\$ 3,378	\$ 3,412	\$ 3,454	\$ 3,497	\$ 3,541	\$ 3,585	\$ 3,630	\$ 3,676	\$ 3,722	\$ 3,768	\$ 3,825	\$ 3,882	\$ 3,940	\$ 3,999	\$ 4,059	\$ 4,120	\$ 4,182	\$ 76,850
Contractual Services (% per year based on calc. below)	\$ 367,551	\$ 373,064	\$ 378,660	\$ 384,340	\$ 390,105	\$ 395,957	\$ 401,896	\$ 407,925	\$ 414,043	\$ 420,254	\$ 426,558	\$ 432,956	\$ 439,451	\$ 446,042	\$ 452,733	\$ 459,524	\$ 466,417	\$ 473,413	\$ 480,514	\$ 487,722	\$ 495,038	\$ 8,994,165
Total Funds Returned (% per year based on calc. below)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Operating Cost:	\$ 431,119	\$ 439,707	\$ 446,434	\$ 453,910	\$ 461,695	\$ 469,627	\$ 477,717	\$ 485,959	\$ 494,358	\$ 502,916	\$ 511,637	\$ 520,524	\$ 529,581	\$ 538,812	\$ 548,229	\$ 557,828	\$ 567,612	\$ 577,584	\$ 587,751	\$ 598,115	\$ 608,681	\$ 10,809,798
Subtotal Operating & Capital Costs:	\$ 431,119	\$ 589,707	\$ 446,434	\$ 453,910	\$ 461,695	\$ 469,627	\$ 477,717	\$ 485,959	\$ 494,358	\$ 502,916	\$ 511,637	\$ 520,524	\$ 529,581	\$ 538,812	\$ 548,229	\$ 557,828	\$ 567,612	\$ 577,584	\$ 587,751	\$ 598,115	\$ 608,681	\$ 10,959,798
Reserve																						
Recommended Contingency 2% of Total over 20-yrs.																						\$ 219,196
Total Recommended Budget - 20 Year Outlook:	\$ 431,119	\$ 589,707	\$ 446,434	\$ 453,910	\$ 461,695	\$ 469,627	\$ 477,717	\$ 485,959	\$ 494,358	\$ 502,916	\$ 511,637	\$ 520,524	\$ 529,581	\$ 538,812	\$ 548,229	\$ 557,828	\$ 567,612	\$ 577,584	\$ 587,751	\$ 598,115	\$ 608,681	\$ 10,959,798
Expenses based on 2012 CAFR Actual with % Increase	0%	1%	2%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Personal Services:	\$ 45,972	\$ 46,432	\$ 47,360	\$ 48,781	\$ 50,245	\$ 51,752	\$ 53,304	\$ 54,904	\$ 56,551	\$ 58,247	\$ 59,995	\$ 61,795	\$ 63,648	\$ 65,558	\$ 67,525	\$ 69,550	\$ 71,637	\$ 73,786	\$ 75,999	\$ 78,279	\$ 80,628	\$ 80,628
Expenses based on 2012 CAFR Actual with % Increase	0%	18%	1%	2%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Benefits:	\$ 14,350	\$ 16,933	\$ 17,102	\$ 17,444	\$ 17,968	\$ 18,507	\$ 19,062	\$ 19,634	\$ 20,223	\$ 20,829	\$ 21,454	\$ 22,098	\$ 22,761	\$ 23,444	\$ 24,147	\$ 24,872	\$ 25,618	\$ 26,386	\$ 27,178	\$ 27,993	\$ 28,833	\$ 28,833
Expenses based on 2012 CAFR Actual with % Increase	0%	1%	1%	1%	1%	1%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Materials and Supplies:	\$ 3,246	\$ 3,278	\$ 3,311	\$ 3,344	\$ 3,378	\$ 3,412	\$ 3,454	\$ 3,497	\$ 3,541	\$ 3,585	\$ 3,630	\$ 3,676	\$ 3,722	\$ 3,768	\$ 3,825	\$ 3,882	\$ 3,940	\$ 3,999	\$ 4,059	\$ 4,120	\$ 4,182	\$ 4,182
Expenses based on 2012 CAFR Actual with % Increase	0%	1%	1%	1%	1%	1%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Other:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Expenses based on 2012 CAFR Actual with % Increase	0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
Contractual Services:	\$ 367,551	\$ 373,064	\$ 378,660	\$ 384,340	\$ 390,105	\$ 395,957	\$ 401,896	\$ 407,925	\$ 414,043	\$ 420,254	\$ 426,558	\$ 432,956	\$ 439,451	\$ 446,042	\$ 452,733	\$ 459,524	\$ 466,417	\$ 473,413	\$ 480,514	\$ 487,722	\$ 495,038	\$ 495,038
Total Funds Returned:	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expenses:	\$ 431,119	\$ 589,707	\$ 446,434	\$ 453,910	\$ 461,695	\$ 469,627	\$ 477,717	\$ 485,959	\$ 494,358	\$ 502,916	\$ 511,637	\$ 520,524	\$ 529,581	\$ 538,812	\$ 548,229	\$ 557,828	\$ 567,612	\$ 577,584	\$ 587,751	\$ 598,115	\$ 608,681	\$ -
Revenue based on 2012 CAFR Actual with % Increase	5%	5%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Charges for Services:	\$468,110	\$491,515	\$506,261	\$521,449	\$537,092	\$553,205	\$569,801	\$586,895	\$604,502	\$622,637	\$641,316	\$660,556	\$680,372	\$700,784	\$721,807	\$743,461	\$765,765	\$788,738	\$812,400	\$836,772	\$861,875	\$861,875
Intergovernmental:	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
Funds Transferred In:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Revenues:	\$480,610	\$504,015	\$518,761	\$533,949	\$549,592	\$565,705	\$582,301	\$599,395	\$617,002	\$635,137	\$653,816	\$673,056	\$692,872	\$713,284	\$734,307	\$755,961	\$778,265	\$801,238	\$824,900	\$849,272	\$874,375	\$874,375
Revenue minus Expenses:	\$ 49,491	\$ (85,692)	\$ 72,327	\$ 80,039	\$ 87,897	\$ 96,078	\$ 104,584	\$ 113,436	\$ 122,644	\$ 132,221	\$ 142,179	\$ 152,531	\$ 163,291	\$ 174,471	\$ 186,078	\$ 198,133	\$ 210,654	\$ 223,654	\$ 237,149	\$ 251,157	\$ 265,695	\$ 265,695
Projected Beginning of Year Fund Balance:	\$ 377,014	\$ 426,505	\$ 340,813	\$ 413,140	\$ 493,178	\$ 581,075	\$ 677,153	\$ 781,737	\$ 895,173	\$ 1,017,817	\$ 1,150,038	\$ 1,292,217	\$ 1,444,748	\$ 1,608,039	\$ 1,782,510	\$ 1,968,588	\$ 2,166,722	\$ 2,377,375	\$ 2,601,029	\$ 2,838,178	\$ 3,089,335	\$ 3,089,335
Projected End of Year Fund Balance:	\$ 426,505	\$ 340,813	\$ 413,140	\$ 493,178	\$ 581,075	\$ 677,153	\$ 781,737	\$ 895,173	\$ 1,017,817	\$ 1,150,038	\$ 1,292,217	\$ 1,444,748	\$ 1,608,039	\$ 1,782,510	\$ 1,968,588	\$ 2,166,722	\$ 2,377,375	\$ 2,601,029	\$ 2,838,178	\$ 3,089,335	\$ 3,355,030	\$ 3,355,030

Solid Waste Fund 20-year analysis

