



December 1, 2015

Mayor and City Commission
City of Leavenworth
Leavenworth, Kansas

Dear Mayor and Commissioners:

We are pleased to submit for your consideration the proposed 2016 – 2020 Capital Improvements Program (CIP) for the City of Leavenworth. The CIP is a comprehensive plan outlining all capital improvements to be pursued by the City for the next five years as constrained, of course, by limited financial resources.

As a financial planning document, the CIP is a flexible plan that is subject to continual change and adaptation over time. For example, revenue estimates for the various funding sources must be continually monitored and annually revised, project cost estimates must be reviewed and updated, and the timing of projects must be evaluated in the light of ever-changing internal and external forces.

Accordingly, the development of the recommended 2016 – 2020 CIP consisted of two phases:

- Reviewing the last four years of the current CIP and making appropriate changes to revenue estimates, project costs, and project timing. In some instances, this included making specific allocations for various projects that were previously only generally identified (such as in the CIP Sales Tax funding source).
- Incorporating 2020 funding sources and new projects into the new 2016 - 2020 five year period.

Throughout the CIP document, two cost columns appear: a Requested Cost column and a Projected Cost column. The Requested Cost column provides cost data in current dollars; the Projected Cost column provides costs that are inflated to the appropriate year for those projects that are recommended for inclusion in the CIP. The 4.5% per year inflation rate used for this CIP was determined based upon the Engineering News Report (ENR) index of construction costs for the last five years. For those projects not recommended in the CIP, the Projected Cost column is \$0.

The 2016 – 2020 CIP document is generally organized to illustrate existing projects that are carried forward from the 2015 – 2019 CIP and projects that have been included in the CIP for the first time.

The proposed CIP includes several elements that either have a substantial financial impact or represent a significant change from past practice. These include:

- **Purchase of Fire trucks**

Traditionally, the City has methodically upgraded its fleet of Fire trucks by replacing one truck every four years through a lease/purchase agreement with payments being made from the CIP Sales Tax

proceeds. Given an existing fleet of seven trucks, the fleet always has several trucks more than 20 years old . . . beyond their estimated useful lives and generally difficult to economically maintain.

The Fire Chief has proposed that the fleet can be reduced to six trucks if an effort is made to replace several trucks in the very near future and then revising the schedule for truck replacement in the future. This would have the benefit of standardizing the fleet, reducing overall maintenance costs over time, and ensuring that no trucks are in service beyond their useful lives.

Accordingly, the CIP proposes that three trucks be replaced in 2016 at a total cost of \$1,606,585. This purchase would be financed with a 15 year general obligation bond with annual principal and interest payments of approximately \$111,600 beginning in 2017. Further, the aerial fire truck would be replaced in 2020 at a cost of \$1,400,000 and be financed with a 15 year general obligation bond. Finally, two additional trucks would be replaced in 2025 at a cost of \$1,803,255 and be financed with a 15 year bond. It is contemplated that trucks would then be replaced every 15 years with the exception of the aerial truck which would be replaced every 20 years.

An analysis of the ongoing principal and interest payments over time suggests that, through 2024, this proposal would cost no more than the existing four year lease/purchase schedule for replacing trucks. After 2024, the proposal would cost somewhat more than the current schedule but easily within the capacity of the CIP Sales Tax proceeds.

- **2nd Street Bridge Project**

This project was envisioned several years ago with the relatively limited scope of making repairs to the bridge. However, rain events in recent years have caused significant deterioration of the bridge and the bridge must now be replaced. This change in the scope of the project increases the overall cost to \$2,360,945. The City had previously allocated \$455,855 to the project and \$763,555 in KDOT federal exchange funds can also be allocated to the project.

The funding gap of \$1,171,535 will be accommodated by allocating \$250,000 of Countywide Sales Tax proceeds to the project in 2016 and then issuing a four year temporary note for the balance in 2016. Annual principal and interest payments on the notes of \$245,700 in years 2017 through 2020 would be paid from Countywide Sales Tax proceeds.

- **Emphasis on stormwater projects**

The 2016 - 2020 CIP demonstrates a specific emphasis on making improvements to stormwater and drainage infrastructure to reduce or eliminate the impact of rain events on residential properties throughout the City. Typically, the City allocates 15% of the annual Countywide Sales Tax proceeds to stormwater improvement projects. However, in the next three years, the CIP allocates significantly more of the Countywide Sales Tax proceeds (\$1,498,755) to stormwater projects. The table below lists the projects to be pursued.

- **Formula for General Improvement Bonds**

The formula for determining how much the City may issue in General Improvement bonds each year, as defined by a City charter ordinance, is 16.86% of City property taxes levied two years prior to the bond issue year. In the recent past, the City has levied property taxes of approximately \$10,500,000, which meant that the City could issue about \$1,770,000 of General Improvement bonds. About \$750,000 of these funds were allocated for street asphalt overlay and the balance allocated for other capital improvements projects.

However, in 2014, the City implemented a 1 cent City sales tax and the proceeds were dedicated to reducing the amount of property taxes (and mill levy) levied by the City. Thus, for the 2015 budget, only about \$6,166,000 in property taxes were levied. According to the formula, only about \$1,040,000 of General Improvement bonds can be issued in 2016. All of the funds were allocated for asphalt overlay.

The 2016 - 2020 CIP proposes to significantly expand efforts to repair and maintain City streets. It is proposed that the charter ordinance formula be changed to allow for a level of General Obligation bonding similar to that of prior years. Specifically, it is proposed that the formula be changed to allow a level of General Improvements equal to 28% of property taxes levied in the prior year. For example, the City levied \$6,282,106 of property taxes for budget year 2016. Therefore, 28% of \$6,282,106 equals \$1,758,990 which would be the maximum allowable amount of General Improvement bonds that could be issued in 2017.

Finally, it is also proposed in the 2016 - 2020 CIP that the entire amount of General Improvement bond proceeds (after payment of temporary note interest and bond issuance costs) be allocated to asphalt overlay of City streets. This will essentially double the amount of funds available for asphalt overlay from the \$750,000 allocations of recent years to over \$1,500,000 per year.

Numerous projects have been included in the proposed CIP for the first time. The following table identifies these additions by category.

Request	Projected Cost
Streets & Bridges	
Muncie Road, 10th Street to 20th Street	50,000
Stormwater Improvements	
16th & Holman Drainage Improvements	450,700
16th Terrace & Thornton Drainage	398,545
3 Mile Creek Stabilization	342,775
22nd & Vilas Drainage Improvements	202,230
14th & Pawnee Drainage Improvements	56,500
3 Mile Creek Wall & Trail Repairs	30,000
Parks Improvements	
Baseball/Softball Field Upgrades	20,630
Wollman Pool Slide Restoration	18,365
Hawthorn Park Fencing	4,300
Sewer Improvements	
Belt Filter Press Renovation	209,000
Buildings	
Hawthorn Park Restroom Replacement	175,000
Sewer Main Building Roof Replacement	126,115
Fire Station Carpeting	50,000
Fire Station Diesel Exhaust Removal System	48,100
Service Center Canopy over Fuel Pumps	33,000
Community Center Railing	20,000
Community Center Exterior Glass	18,000
Fire Station Sprinkler System	16,500
Fire Station Kitchen Improvements	8,000
Service Center Flooring	4,000
Other	
2nd Street Bridge Debt Service	1,232,800
Equipment	1,088,030
Total	\$3,989,050

Sources and Uses

Finally, the tables below illustrate the various sources and uses of funds for all recommended projects in the CIP. Regarding sources, please note that 95.8% of all project costs will be accommodated with City funds while only 4.2% of project costs will be supported with state funds. The state allocations are KDOT funds for the K-7 and Marion Street Intersection project.

Sources	Total	Percent
City Funds		
Countywide Sales Tax	\$11,547,485	32.4%
GI Bonds	9,072,865	25.4%
CIP Sales Tax	7,946,835	22.3%
Operating Budgets	4,439,130	12.4%
Other Bonds	1,171,535	3.3%
Total City Funds	34,177,850	95.8%
Other Funds		
KDOT	1,513,555	4.2%
Total Other Funds	1,513,555	4.2%
Total Sources	\$35,691,405	100.0%

Regarding uses, as expected, projects related to street improvements predominate. Economic Development projects include the annual allocation for economic development projects in the Countywide Sales Tax Fund. Debt payments consist of principal and interest payments made from the CIP Sales Tax Fund for the Animal Control facility and the Downtown Hotel project, Fire truck leases, Public Safety radios, the allocation of 15% of annual Countywide Sales Tax Fund revenues for the retirement of outstanding debt, and the annual \$300,000 Community Center operations subsidy. The following table depicts how the funds are allocated by use:

Uses	Total	Percent
Streets	\$10,122,865	28.4%
Debt Payments/Other	7,902,820	22.1%
Equipment	3,713,125	10.4%
Sewer	2,921,515	8.2%
Sidewalks	2,588,950	7.3%
Bridges	2,425,945	6.8%
Stormwater	2,403,205	6.7%
Economic Development	2,000,100	5.6%
Buildings	1,509,240	4.2%
Parks	103,640	0.3%
Total Uses	\$35,691,405	100.0%

Finally, we appreciate the support of the staff in the preparation and presentation of the proposed 2016 – 2020 CIP and we look forward to reviewing its contents with the City Commission.

Sincerely,



J. Scott Miller
City Manager



Paul Kramer
Assistant City Manager

Capital Improvements Program
2016 - 2020 Program

Project	Page	Requested Cost	Projected Cost	
Existing Projects				
PW08	Asphalt Overlay	14	9,016,250	9,016,250
WW02	Sewer Line Rehabilitation	101	2,712,515	2,712,515
PW32	2nd Street Bridge Over 3 Mile Creek	19	2,360,945	2,360,945
ED01	Economic Development	99	2,000,100	2,000,100
GG10	Debt Reduction	104	2,000,100	2,000,100
PW06	Sidewalk Improvements	31	2,000,100	2,000,100
PC07	Community Center Operations	105	1,500,000	1,500,000
GG1502	Equipment Replacement	59	1,512,250	1,475,750
DS04	Animal Control Debt Service	106	1,282,665	1,282,665
PW1501	K-7 & Marion St Intersection	15	956,615	956,615
PW07	Storm Drainage Improvements	23	922,455	922,455
DS03	Fire Truck Lease	107	592,865	592,865
DS07	Public Safety Communications Debt Service	108	592,000	592,000
PW05	Curb Repair	32	588,850	588,850
LB1502	Library HVAC	42	414,650	414,650
PC03	Performing Arts Center HVAC	43	351,400	362,975
DS05	Downtown Hotel Debt Service	109	350,175	350,175
DS08	Finance Software Debt Service	110	281,315	281,315
PC1501	Community Center Repairs	44	232,000	232,000
GG1501	Computer Equipment	60	218,750	218,750
FD1501	Fire Equipment	61	117,025	117,025
PW21	Downtown Traffic Signals	16	100,000	100,000
PD1501	Police Equipment	62	90,000	90,000
PC1502	Parks Equipment	63	80,000	80,000
DS06	Fire SCBA Debt Service	111	70,900	70,900
PC1603	Stubby Park Electronic Sign	34	55,965	55,965

Capital Improvements Program
2016 - 2020 Program

	Project	Page	Requested Cost	Projected Cost
PW31	Biennial Bridge Inspection	20	50,000	50,000
FD1604	Fire Breathing Air Compressor	64	42,495	42,495
GG1603	Replace Firewalls	65	31,075	31,075
PW16	Upgrade City Owned Street Lighting	66	30,000	30,000
PW1612	5th Street Bridge Design	21	15,000	15,000
PC1505	Emerald Ash Bore Treatments	35	4,380	4,380
New Projects				
PW33	2nd Street Bridge Debt Service	112	1,232,800	1,232,800
WW10	Sewer Plant Replace Ultraviolet Lamps	67	748,000	748,000
PW25	16th & Holman Drainage	24	450,700	450,700
PW26	16th Terrace & Thornton Drainage	25	383,695	398,545
PW20	3 Mile Creek Stabilization	26	315,840	342,775
WW01	Sewer Dump Trucks	68	240,000	240,000
WW12	Belt Filter Press Renovation	102	200,000	209,000
PW27	22nd & Vilas Drainage Improvements	27	202,230	202,230
PC08	Hawthorn Park Restroom Replacement	45	175,000	175,000
PW10	Streets Front End Loader	69	165,500	165,500
WW09	Sewer Main Building Roof Replacement	46	126,115	126,115
PC09	Cody Park Playground Equipment	70	120,000	125,400
WW08	Sewer Plant Submersible Communiutors	71	73,540	80,310
PW24	14th & Pawnee Drainage	28	56,500	56,500
PC06	Parks Mower Replacement	72	52,500	52,500
PW18	Muncie Road, 10th to 20th Streets	17	5,179,445	50,000
FD09	Fire Station Carpeting	47	50,000	50,000
FD04	Fire Station Diesel Exhaust Removal System	48	48,100	48,100
PW03	Service Center Canopy Over Fuel Pumps	49	33,000	33,000
PW22	3 Mile Creek Wall and Trail Repairs	29	30,000	30,000

**Capital Improvements Program
2016 - 2020 Program**

	Project	Page	Requested Cost	Projected Cost
FD01	Fire Rescue Tools	73	27,825	27,825
PC16	Baseball/Softball Field Upgrades	36	56,810	20,630
PC05	Community Center Railing	50	20,000	20,000
PD01	Police K-9	74	20,000	20,000
PC11	Community Center Exterior Glass	51	18,900	18,900
PC17	Wollman Pool Slide Restoration	37	18,365	18,365
PW1509	Engineering Copier	75	17,600	17,600
FD07	Fire Station Sprinkler System Refurbishing	52	16,500	16,500
WW05	Sewer Vactor Box Dewater Station	76	16,000	16,000
WW06	Sewer Pole Camera	77	16,000	16,000
PD02	Police Body Cameras	78	15,000	15,000
PC01	Community Center Security System	79	14,925	14,925
PW30	Engineering GPS Equipment Upgrades	80	14,435	14,435
GG01	VOIP Telephone Security System	81	10,645	10,645
FD05	Fire Broadband Routers with Modem/Wifi	82	10,100	10,100
WW04	Sewer E-Coli Sampling Equipment	83	9,875	9,875
PW15	Garage Tire Changer	84	9,000	9,000
GG02	Wireless LAN Controller	85	8,990	8,990
FD10	Fire Station Counter Top, Sink Replacement	53	8,000	8,000
FD03	Fire Traffic Signal Activation LED	86	6,000	6,000
FD11	Fire Station Radio Speakers	87	4,475	4,475
PC10	Hawthorn Park Fencing	38	4,300	4,300
FD08	Fire Rescue Air Bags	88	4,135	4,135
PW04	Service Center Flooring	54	4,000	4,000
PC02	Community Center Pool LED Bulbs	89	3,755	3,755
PW14	Garage MIG Welder	90	2,360	2,360
PW13	Service Center Ice Machine	91	2,000	2,000

**Capital Improvements Program
2016 - 2020 Program**

	Project	Page	Requested Cost	Projected Cost
PW17	Garage Tool Chest Sets	92	1,700	1,700
FD06	Fire Station Gas Range	93	1,500	1,500
WW07	Sewer Vactor Truck	94	397,905	0
PC13	Cody Park Lighting	39	148,000	0
PC14	David Brewer Tennis Court Lighting	40	105,000	0
WW11	Sewer Plant Sludge Blender	55	65,000	0
PW09	Streets Asphalt Roller	95	48,500	0
PC12	Community Center Floor Tile	56	22,000	0
PC04	Riverfront Park Security Gate	96	12,600	0
PW02	Service Center Bulk Oil Storage Tanks	97	5,400	0

CIP Local Sales Tax Fund

	2016	2017	2018	2019	2020	Total
Revenue						
Sales Tax Revenue	2,025,000	2,055,000	2,086,000	2,117,000	2,149,000	10,432,000
Available Balance	651,100	0	0	0	0	651,100
Total Revenue	2,676,100	2,055,000	2,086,000	2,117,000	2,149,000	11,083,100
Expenditures						
Debt Payments						
Animal Control	254,945	258,550	256,570	258,270	254,330	1,282,665
Fire Truck Leases	146,465	111,600	111,600	111,600	111,600	592,865
Downtown Hotel	67,945	71,095	69,995	68,895	72,245	350,175
Fire SCBA Equipment	35,550	35,350	0	0	0	70,900
Ongoing Projects						
Community Center Operations	300,000	300,000	300,000	300,000	300,000	1,500,000
Equipment Replacement	283,500	291,450	295,800	300,250	304,750	1,475,750
Curb Program	114,300	116,000	117,750	119,500	121,300	588,850
CC Building Repairs	45,000	45,700	46,400	47,100	47,800	232,000
Computer Equipment	42,450	43,100	43,750	44,400	45,050	218,750
City Lighting LED Upgrade	30,000	0	0	0	0	30,000
Traffic Signals	20,000	20,000	20,000	20,000	20,000	100,000
Fire Equipment	19,305	19,305	19,305	19,305	19,305	96,525
Police Equipment	18,000	18,000	18,000	18,000	18,000	90,000
Parks Equipment	16,000	16,000	16,000	16,000	16,000	80,000
Fire SCBA Cylinders	10,250	10,250	0	0	0	20,500
Bridge Inspection Program	0	25,000	0	25,000	0	50,000
Short-Term Projects						
Fire:						
Diesel Exhaust Removal System	48,100	0	0	0	0	48,100
Breathing Air Compressor	42,495	0	0	0	0	42,495
Rescue Tools	27,825	0	0	0	0	27,825
Sprinkler System Refurbishing	16,500	0	0	0	0	16,500
Station Carpeting	12,500	12,500	12,500	12,500	0	50,000
Broadband Router	10,100	0	0	0	0	10,100
Counter Top, Sink Replacement	8,000	0	0	0	0	8,000

CIP Local Sales Tax Fund

	2016	2017	2018	2019	2020	Total
Traffic Signal Activation LED	6,000	0	0	0	0	6,000
Radio Speakers	4,475	0	0	0	0	4,475
Rescue Air Bag Set	4,135	0	0	0	0	4,135
Gas Range	1,500	0	0	0	0	1,500
Information Systems:						
Replace Firewalls	31,075	0	0	0	0	31,075
VOIP Security System	10,645	0	0	0	0	10,645
Wireless LAN Controller	8,990	0	0	0	0	8,990
Police:						
K-9	20,000	0	0	0	0	20,000
Body Cameras	15,000	0	0	0	0	15,000
Parks & Recreation:						
Stubby Park Electronic Sign	55,965	0	0	0	0	55,965
Mower Replacement	52,500	0	0	0	0	52,500
Southside Ball Field Upgrade	20,630	0	0	0	0	20,630
Community Center Railing	20,000	0	0	0	0	20,000
Community Center Exterior Glass	18,900	0	0	0	0	18,900
Wollman Pool Slide Restoration	18,365	0	0	0	0	18,365
Community Center Security System	14,925	0	0	0	0	14,925
Hawthorn Park Fencing	4,300	0	0	0	0	4,300
Pool LED Bulbs	3,755	0	0	0	0	3,755
Emerald Ash Bore Treatments	0	2,170	0	2,210	0	4,380
Public Works:						
14th & Paewnee Drainage	56,500	0	0	0	0	56,500
Service Center Canopy - Fuel Pumps	33,000	0	0	0	0	33,000
3 Mile Creek Wall and Trail Repairs	30,000	0	0	0	0	30,000
Engineering Copier	17,600	0	0	0	0	17,600
Design for 5th St Bridge	15,000	0	0	0	0	15,000
GPS Equipment Upgrades	14,435	0	0	0	0	14,435
Garage Tire Changer	9,000	0	0	0	0	9,000
Service Center Flooring	4,000	0	0	0	0	4,000
Garage MIG Welder	2,360	0	0	0	0	2,360

CIP Local Sales Tax Fund

	2016	2017	2018	2019	2020	Total
Garage Ice Machine	2,000	0	0	0	0	2,000
Garage Tool Chest Sets	1,700	0	0	0	0	1,700
Library:						
Library HVAC	302,500	112,150	0	0	0	414,650
Other Projects - Contingency	100,000	550,000	750,000	750,000	850,000	3,000,000
Total Expenditures	2,468,485	2,058,220	2,077,670	2,113,030	2,180,380	10,897,785
Annual Net	207,615	-3,220	8,330	3,970	-31,380	
Accumulated Balance	207,615	204,395	212,725	216,695	185,315	
Reserve Target	202,500	205,500	208,600	211,700	214,900	

Countywide Sales Tax Fund

	2016	2017	2018	2019	2020	Total
Revenue						
Sales Tax Revenue	2,588,000	2,627,000	2,666,000	2,706,000	2,747,000	13,334,000
Available Balance	881,950	0	0	0	0	881,950
Total Revenue	3,469,950	2,627,000	2,666,000	2,706,000	2,747,000	14,215,950
Expenditures						
Debt Reduction	388,200	394,050	399,900	405,900	412,050	2,000,100
Economic Development						
Unallocated	113,465	264,295	268,950	273,735	278,650	1,199,095
CPAC	50,000	50,000	50,000	50,000	50,000	250,000
Land Acquisition Debt Service	146,160	0	0	0	0	146,160
Main Street/LCDC Allocation	78,575	79,755	80,950	82,165	83,400	404,845
Sidewalk Program						
Unallocated	388,200	394,050	399,900	405,900	412,050	2,000,100
Stormwater Program						
16th & Holman Drainage	450,700	0	0	0	0	450,700
22nd & Vilas Improvements	202,230	0	0	0	0	202,230
16th Terrace & Thornton Drainage	53,695	344,650	0	0	0	398,545
3 Mile Creek Stabilization	0	47,380	295,395	0	0	342,775
Unallocated	0	0	104,505	405,900	412,050	922,455
Radio System Debt Service	592,000	0	0	0	0	592,000
2nd Street Bridge Debt Service	250,000	245,700	245,700	245,700	245,700	1,232,800
Hawthorn Park Restrooms	175,000	0	0	0	0	175,000
Performing Arts Center HVAC	150,550	153,565	58,860	0	0	362,975
Muncie Road Preliminary Design	50,000	0	0	0	0	50,000
Streets Front End Loader	0	165,500	0	0	0	165,500
Cody Park Playground Equipment	0	125,400	0	0	0	125,400
Total Expenditures	3,088,775	2,264,545	1,904,160	1,869,300	1,893,900	11,020,680
Annual Net	381,175	362,455	761,840	836,700	853,100	
Accumulated Balance	381,175	743,630	1,505,470	2,342,170	3,195,270	
Reserve Target (10%)	258,800	262,700	266,600	270,600	274,700	

General Improvement Bonds

	2016	2017	2018	2019	2020	Total
Revenue						
Amount Available for Projects	1,750,000	1,776,250	1,802,500	1,830,000	1,857,000	9,015,750
Expenditures						
Asphalt Overlay	1,750,000	1,776,250	1,802,500	1,830,000	1,857,000	9,015,750

KDOT Funding

	2016	2017	2018	2019	2020	Total
Revenue						
K-7 & Marion St Intersection	750,000	0	0	0	0	750,000
2nd Street Bridge over 3 Mile Creek	763,555	0	0	0	0	763,555
Total Expenditures	1,513,555	0	0	0	0	1,513,555

General Obligation Notes and Bonds

	2016	2017	2018	2019	2020	Total
Revenue						
2nd Street Bridge	1,171,535	0	0	0	0	1,171,535
Total Expenditures						
	1,171,535	0	0	0	0	1,171,535

Operating Budgets

	2016	2017	2018	2019	2020	Total
Revenue						
Sewer Line Rehabilitation	526,470	534,365	542,380	550,520	558,780	2,712,515
Sewer Main Building Roof Replacement	126,115	0	0	0	0	126,115
Sewer UV Lamps	74,000	74,000	200,000	200,000	200,000	748,000
Software Maintenance used for Debt Svc	2,016	2,017	2,020	2,019	2,020	10,092
Sewer Vactor Box Dewater Station	16,000	0	0	0	0	16,000
Sewer Pole Camera	16,000	0	0	0	0	16,000
Sewer E-Coli Testing Equipment	9,875	0	0	0	0	9,875
Sewer Belt Filter Press Replacement	0	209,000	0	0	0	209,000
Sewer Dumps Trucks	0	0	120,000	120,000	0	240,000
Sewer Submersible Commimiutors	0	0	80,310	0	0	80,310
Total Expenditures	770,476	819,382	944,710	872,539	760,800	4,167,907

Capital Improvements Program

2016 - 2020 Program

Streets

Project	Page	Requested Cost	Projected Cost
Existing Projects			
PW08 Asphalt Overlay	14	9,016,250	9,016,250
PW1501 K-7 & Marion St Intersection	15	956,615	956,615
PW21 Downtown Traffic Signals	16	100,000	100,000
New Projects			
PW18 Muncie Road, 10th to 20th Streets	17	5,179,445	50,000

**Capital Improvements Program
2016 - 2020 Program**

PW08 Asphalt Overlay

This annual allocation has been established to facilitate the reconstruction (asphalt overlay) of streets throughout the City. Specific project allocations will be determined from year to year.

Sources	Comments	Year	Requested Cost	Projected Cost
General Improvement Bonds		2016	1,750,000	1,750,000
General Improvement Bonds		2017	1,776,250	1,776,250
General Improvement Bonds		2018	1,802,500	1,802,500
General Improvement Bonds		2019	1,830,000	1,830,000
General Improvement Bonds		2020	1,857,500	1,857,500
			9,016,250	9,016,250

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	1,750,000	1,750,000
Construction		2017	1,776,250	1,776,250
Construction		2018	1,802,500	1,802,500
Construction		2019	1,830,000	1,830,000
Construction		2020	1,857,500	1,857,500
			9,016,250	9,016,250

Capital Improvements Program
2016 - 2020 Program

PW1501 K-7 & Marion St Intersection

This allocation provides funds for geometric improvements of the K-7 & Marion intersection. This is part of the ongoing effort to improve truck movement on City connecting links. It has been approved as KDOT project for FY2017 at an 85/15 split up to \$750,000. The right of way and design work needs to be started in 2015 for the project to keep on schedule.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund	ROW	2015	150,000	150,000
General Improvement Bonds	Design	2015	56,615	56,615
KDOT		2016	750,000	750,000
			956,615	956,615

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2015	56,615	56,615
Right of Way Acquisition		2015	150,000	150,000
Construction		2016	750,000	750,000
			956,615	956,615

**Capital Improvements Program
2016 - 2020 Program**

PW21 Downtown Traffic Signals

This annual allocation has been established to facilitate the upgrades to traffic signalization equipment throughout the City. Specific project allocations will be determined from year to year.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	20,000	20,000
CIP Sales Tax Fund		2017	20,000	20,000
CIP Sales Tax Fund		2018	20,000	20,000
CIP Sales Tax Fund		2019	20,000	20,000
CIP Sales Tax Fund		2020	20,000	20,000
			100,000	100,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	20,000	20,000
Equipment Purchase		2017	20,000	20,000
Equipment Purchase		2018	20,000	20,000
Equipment Purchase		2019	20,000	20,000
Equipment Purchase		2020	20,000	20,000
			100,000	100,000

**Capital Improvements Program
2016 - 2020 Program**

PW18 Muncie Road, 10th to 20th Streets

This allocation provides funds for the design and construction of Muncie Road from 10th Street to 20th Street. The street will include a 34' roadway with 10' asphalt, ADA ramps and sidewalks on both sides, storm inlets, and retaining walls. Construction of the street would provide a major east/west road through the south end of the City.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	50,000	50,000
			50,000	50,000

Uses	Comments	Year	Requested Cost	Projected Cost
Design	Preliminary design	2016	480,405	50,000
Right of Way Acquisition		2017	50,000	0
Construction		2018	4,304,040	0
Inspection		2018	345,000	0
			5,179,445	50,000

**Capital Improvements Program
2016 - 2020 Program**

Bridges

Project	Page	Requested Cost	Projected Cost
Existing Projects			
PW32	2nd Street Bridge Over 3 Mile Creek	19	2,360,945
PW31	Biennial Bridge Inspection	20	50,000
PW1612	5th Street Bridge Design	21	15,000

**Capital Improvements Program
2016 - 2020 Program**

PW32 2nd Street Bridge Over 3 Mile Creek

This projects provides additional funds for the 2nd Street Bridge Over 3 Mile Creek project that has been in the CIP for a number of years. However, recent changes to the scope of the project has caused the overall cost to significantly increase, requiring that additional resources be allocated.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2007	49,050	49,050
Countywide Sales Tax Fund		2007	65,400	65,400
Countywide Sales Tax Fund		2011	311,405	311,405
KDOT	Exchange Funds	2016	763,555	763,555
General Obligation Bonds		2016	1,171,535	1,171,535
			2,360,945	2,360,945

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2007	203,545	203,545
Construction		2016	1,876,000	1,876,000
Inspection		2016	281,400	281,400
			2,360,945	2,360,945

**Capital Improvements Program
2016 - 2020 Program**

PW31 Biennial Bridge Inspection

This allocation provides funds for the biennial bridge inspection program that is mandated by the State of Kansas. Failure to perform this inspection could be cause for loss of federal and state funding for bridge replacement projects. This allocation funds the inspection program in 2017 and 2019 at \$25,000 each year.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2017	25,000	25,000
CIP Sales Tax Fund		2019	25,000	25,000
			50,000	50,000

Uses	Comments	Year	Requested Cost	Projected Cost
Inspection		2017	25,000	25,000
Inspection		2019	25,000	25,000
			50,000	50,000

**Capital Improvements Program
2016 - 2020 Program**

PW1612 5th Street Bridge Design

This allocation provides funds for a preliminary design of the 5th Street bridge. This bridge has one of the lowest ratings and the stone abutments are showing significant deterioration. Bridgework on the 5th Street bridge was not approved in the recent KDOT grant application. This study would provide better estimates of needed improvements.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	15,000	15,000
			15,000	15,000

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2016	15,000	15,000
			15,000	15,000

Capital Improvements Program

2016 - 2020 Program

Stormwater

Project	Page	Requested Cost	Projected Cost	
Existing Projects				
PW07	Storm Drainage Improvements	23	922,455	922,455
New Projects				
PW25	16th & Holman Drainage	24	450,700	450,700
PW26	16th Terrace & Thornton Drainage	25	383,695	398,545
PW20	3 Mile Creek Stabilization	26	315,840	342,775
PW27	22nd & Vilas Drainage Improvements	27	202,230	202,230
PW24	14th & Pawnee Drainage	28	56,500	56,500
PW22	3 Mile Creek Wall and Trail Repairs	29	30,000	30,000

**Capital Improvements Program
2016 - 2020 Program**

PW07 Storm Drainage Improvements

This annual allocation has been established to facilitate the construction and reconstruction of stormwater infrastructure throughout the City. Specific project allocations will be determined from year to year.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	0	0
Countywide Sales Tax Fund		2017	0	0
Countywide Sales Tax Fund		2018	104,505	104,505
Countywide Sales Tax Fund		2019	405,900	405,900
Countywide Sales Tax Fund		2020	412,050	412,050
			922,455	922,455

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	0	0
Construction		2017	0	0
Construction		2018	104,505	104,505
Construction		2019	405,900	405,900
Construction		2020	412,050	412,050
			922,455	922,455

**Capital Improvements Program
2016 - 2020 Program**

PW25 16th & Holman Drainage

This allocation provides funds for a variety of improvements to the stormwater infrastructure between Holman Street and Limit Street, west of 16th Street.

The project will increase system capacity, provide better water quality, reduce erosion on adjoining property owners, and reduce flooding of adjoining properties during heavy rain events.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	450,700	450,700
			450,700	450,700

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2016	4,500	4,500
Right of Way Acquisition		2016	20,000	20,000
Construction		2016	426,200	426,200
			450,700	450,700

**Capital Improvements Program
2016 - 2020 Program**

PW26 16th Terrace & Thornton Drainage

This allocation provides fund for the design and construction of a system to control stormwaster run-off from the hillside north of Thornton Street and east of Ridge Road. Improvements may include slope terracing, stormwater detention, inlet modifications, drainageway channel improvements, and sanitary sewer line stabilization.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	53,695	53,695
Countywide Sales Tax Fund		2017	330,000	344,850
			383,695	398,545

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2016	38,695	38,695
Right of Way Acquisition		2016	15,000	15,000
Construction		2017	330,000	344,850
			383,695	398,545

**Capital Improvements Program
2016 - 2020 Program**

PW20 3 Mile Creek Stabilization

This project provides funds for the design and construction to install bank and channel stabilization structures to prevent the continued erosion of the bank, degradation of the channel, and damage to bridges, trails, and parking lots during heavy creek flow in significant rain events.

The parking lot property is owned by One Gas and leased by the City. The property has contaminated soil created by One Gas during their coal gasification operations in the 1880's. Erosion of the bank may release contaminants into the waters which is a violation of EPA and KDHE standards. The channel continues to erode significantly and actively, exposing wooden bridge pilings, endangering a sewer siphon, and trail infrastructure.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2017	45,340	47,380
Countywide Sales Tax Fund		2018	270,500	295,395
			315,840	342,775

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2017	45,340	47,380
Construction		2018	250,000	273,005
Inspection		2018	20,500	22,390
			315,840	342,775

**Capital Improvements Program
2016 - 2020 Program**

PW27 22nd & Vilas Drainage Improvements

This allocation provides funds for a project to re-establish the roadway and roadside ditch at the east side of 22nd Street and the intersection of 22nd Street and Vilas Street. The improvements include erosion control measures, water quality improvements, and roadway stabilization. The damaged and failing crossroad pipe at 22nd and Vilas will be replaced with roadside ditch and pipe inlet improvements.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	202,230	202,230
			202,230	202,230

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2016	27,230	27,230
Right of Way Acquisition		2016	10,000	10,000
Construction		2016	165,000	165,000
			202,230	202,230

**Capital Improvements Program
2016 - 2020 Program**

PW24 14th & Pawnee Drainage

This allocation provides funds to remove the old wood creek crossing under Pawnee Street and to install junction boxes and RCP to straighten the storm sewer line to increase capacity and to provide a more direct route to the 5 Mile Creek tributary.

The project will increase system capacity, provide better water quality, reduce erosion on adjoining property owners, and reduce flooding of adjoining properties during heavy rain events.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	56,500	56,500
			56,500	56,500

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2016	6,500	6,500
Right of Way Acquisition		2016	5,000	5,000
Construction		2016	45,000	45,000
			56,500	56,500

**Capital Improvements Program
2016 - 2020 Program**

PW22 3 Mile Creek Wall and Trail Repairs

This allocation provides funds to repair the displaced and damaged wall blocks next to the 3rd Street bridge abutment and storm drainage pipe, to place concrete under the trail where the subgrade has washed out, and repair the wall and fence along the trail at 5th Street. This is a result of storm damage particularly from the July 6, 2015 event.

During times of high river and creek levels, the wall and storm drainage pipe have eroded with wall blocks being displaced. The bottom of the creek has eroded under the trail resulting in the trail beginning to fail. The repairs will ensure the long term stability of the trail, stop further erosion of the storm drainage system, and maintain bank stability along the trail.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	30,000	30,000
			30,000	30,000

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	30,000	30,000
			30,000	30,000

Capital Improvements Program

2016 - 2020 Program

Sidewalks, Curbs & Gutters

Project	Page	Requested Cost	Projected Cost
Existing Projects			
PW06 Sidewalk Improvements	31	2,000,100	2,000,100
PW05 Curb Repair	32	588,850	588,850

**Capital Improvements Program
2016 - 2020 Program**

PW06 Sidewalk Improvements

This annual allocation has been established to facilitate the construction and reconstruction of sidewalks throughout the City. Specific project allocations will be determined from year to year.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	388,200	388,200
Countywide Sales Tax Fund		2017	394,050	394,050
Countywide Sales Tax Fund		2018	399,900	399,900
Countywide Sales Tax Fund		2019	405,900	405,900
Countywide Sales Tax Fund		2020	412,050	412,050
			2,000,100	2,000,100

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	388,200	388,200
Construction		2017	394,050	394,050
Construction		2018	399,900	399,900
Construction		2019	405,900	405,900
Construction		2020	412,050	412,050
			2,000,100	2,000,100

**Capital Improvements Program
2016 - 2020 Program**

PW05 Curb Repair

This annual allocation has been established to facilitate the construction and reconstruction of curbs and gutters throughout the City. Specific project allocations will be determined from year to year.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	114,300	114,300
CIP Sales Tax Fund		2017	116,000	116,000
CIP Sales Tax Fund		2018	117,750	117,750
CIP Sales Tax Fund		2019	119,500	119,500
CIP Sales Tax Fund		2020	121,300	121,300
			588,850	588,850

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	114,300	114,300
Construction		2017	116,000	116,000
Construction		2018	117,750	117,750
Construction		2019	119,500	119,500
Construction		2020	121,300	121,300
			588,850	588,850

**Capital Improvements Program
2016 - 2020 Program**

Parks

Project	Page	Requested Cost	Projected Cost	
Existing Projects				
PC1603	Stubby Park Electronic Sign	34	55,965	55,965
PC1505	Emerald Ash Bore Treatments	35	4,380	4,380
New Projects				
PC16	Baseball/Softball Field Upgrades	36	56,810	20,630
PC17	Wollman Pool Slide Restoration	37	18,365	18,365
PC10	Hawthorn Park Fencing	38	4,300	4,300
PC13	Cody Park Lighting	39	148,000	0
PC14	David Brewer Tennis Court Lighting	40	105,000	0

**Capital Improvements Program
2016 - 2020 Program**

PC1603 Stubby Park Electronic Sign

This allocation provides funds for the purchase and installation of a full color electronic changeable monument sign at Stubby Park. This location is currently being used to advertise Park and Recreation special events with professionally made banners. The average cost per banner is \$250. However, an electronic sign would provide the capability to promote special events, league information, classes, pool operating hours, and other pertinent information.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	55,965	55,965
			55,965	55,965
Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	55,965	55,965
			55,965	55,965

**Capital Improvements Program
2016 - 2020 Program**

PC1505 Emerald Ash Bore Treatments

This allocation provides funds for ash tree treatments on City property for the Emerald Ash Bore (EAB) which has been detected in Leavenworth County. Nationwide, this bore has killed millions of ash trees since the early 2000's. Many of the trees to be treated are part of the Legacy tree program. The treatments will protect the trees for up to 2 years and will require bi-annual reapplications going forward.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2017	2,170	2,170
CIP Sales Tax Fund		2019	2,210	2,210
			4,380	4,380

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2017	2,170	2,170
Other		2019	2,210	2,210
			4,380	4,380

**Capital Improvements Program
2016 - 2020 Program**

PC16 Baseball/Softball Field Upgrades

This allocation provides funds for the installation of ball field fines to the infields of three youth ball fields: Dougherty, Eagles, and Southside. This work will provide a smoother playing surface and will drain and dry faster following inclement weather. The allocation provides funds for improvements at the Southside field.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	56,810	20,630
			56,810	20,630

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	56,810	20,630
			56,810	20,630

**Capital Improvements Program
2016 - 2020 Program**

PC17 Wollman Pool Slide Restoration

This allocation provides funds to refurbish the slides at the Wollman pool. The work will include removing calcium and mineral buildup, interior surface buffing, replacing sealant between seams, and applying a polymer sealant. This will significantly improve the safety, longevity, and appearance of the slides.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	18,365	18,365
			18,365	18,365

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	18,365	18,365
			18,365	18,365

**Capital Improvements Program
2016 - 2020 Program**

PC10 Hawthorn Park Fencing

This allocation provides funds for the replacement of the fencing at Hawthorn Park. The work will include closing gaps in the existing fence and replacing access gates to and between fields.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	4,300	4,300
			4,300	4,300

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	4,300	4,300
			4,300	4,300

**Capital Improvements Program
2016 - 2020 Program**

PC13 Cody Park Lighting

This allocation provides funds for the replacement of lighting at the Cody Park ball field. The work will include the installation of all new lights, poles, wiring, and control mechanisms. The existing lighting is inadequate and requires ongoing service by local contractors.

Uses	Comments	Year	Requested Cost	Projected Cost
Construction			148,000	0
			148,000	0

**Capital Improvements Program
2016 - 2020 Program**

PC14 David Brewer Tennis Court Lighting

This allocation provides funds for replacement of tennis court lights at David Brewer Park, including lighting equipment, underground wiring, and installation. The current lighting requires numerous service calls to maintain lighting adequacy.

Uses	Comments	Year	Requested Cost	Projected Cost
Construction			105,000	0
			105,000	0

**Capital Improvements Program
2016 - 2020 Program**

Buildings

Project	Page	Requested Cost	Projected Cost	
Existing Projects				
LB1502	Library HVAC	42	414,650	414,650
PC03	Performing Arts Center HVAC	43	351,400	362,975
PC1501	Community Center Repairs	44	232,000	232,000
New Projects				
PC08	Hawthorn Park Restroom Replacement	45	175,000	175,000
WW09	Sewer Main Building Roof Replacement	46	126,115	126,115
FD09	Fire Station Carpeting	47	50,000	50,000
FD04	Fire Station Diesel Exhaust Removal System	48	48,100	48,100
PW03	Service Center Canopy Over Fuel Pumps	49	33,000	33,000
PC05	Community Center Railing	50	20,000	20,000
PC11	Community Center Exterior Glass	51	18,900	18,900
FD07	Fire Station Sprinkler System Refurbishing	52	16,500	16,500
FD10	Fire Station Counter Top, Sink Replacement	53	8,000	8,000
PW04	Service Center Flooring	54	4,000	4,000
WW11	Sewer Plant Sludge Blender	55	65,000	0
PC12	Community Center Floor Tile	56	22,000	0

**Capital Improvements Program
2016 - 2020 Program**

LB1502 Library HVAC

This allocation provides funds for ongoing work on the library HVAC update. The 2016 work plan will be to install a fresh air system similar to that at City Hall to improve air quality inside the library.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	302,500	302,500
CIP Sales Tax Fund		2017	112,150	112,150
			414,650	414,650

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2016	15,000	15,000
Construction		2016	287,500	287,500
Construction		2017	112,150	112,150
			414,650	414,650

**Capital Improvements Program
2016 - 2020 Program**

PC03 Performing Arts Center HVAC

This allocation provides funds for the replacement of the heating and air conditioning systems at the Performing Arts Center. The useful life of the existing systems has passed and ongoing maintenance and repair costs have become prohibitive.

Phase I of the project involves rebuilding two existing compressors, including necessary supportive electrical work; Phase II includes replacement of the boiler; and Phase III includes refurbishing the air handling infrastructure of the facility.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	150,550	150,550
Countywide Sales Tax Fund		2017	146,950	153,565
Countywide Sales Tax Fund		2018	53,900	58,860
			351,400	362,975

Uses	Comments	Year	Requested Cost	Projected Cost
Design		2016	29,000	29,000
Construction		2016	121,550	121,550
Construction		2017	146,950	153,565
Construction		2018	53,900	58,860
			351,400	362,975

**Capital Improvements Program
2016 - 2020 Program**

PC1501 Community Center Repairs

This annual allocation has been established to facilitate the ongoing maintenance requirements of the Community Center facility. Specific allocations will be determined from year to year.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	45,000	45,000
CIP Sales Tax Fund		2017	45,700	45,700
CIP Sales Tax Fund		2018	46,400	46,400
CIP Sales Tax Fund		2019	47,100	47,100
CIP Sales Tax Fund		2020	47,800	47,800
			232,000	232,000

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	45,000	45,000
Other		2017	45,700	45,700
Other		2018	46,400	46,400
Other		2019	47,100	47,100
Other		2020	47,800	47,800
			232,000	232,000

**Capital Improvements Program
2016 - 2020 Program**

PC08 Hawthorn Park Restroom Replacement

This allocation provides funds for the removal and replacement of the restroom structure at Hawthorn Park. The work would include removal of the existing concrete pad and demolition of the existing structure. The existing restroom is dilapidated and is not handicap accessible.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	175,000	175,000
			175,000	175,000

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	175,000	175,000
			175,000	175,000

**Capital Improvements Program
2016 - 2020 Program**

WW09 Sewer Main Building Roof Replacement

This allocation provides funds for the replacement of the 8,000 square foot roof on the main building at the sewer plant. This is the original roof from the 1970's and has numerous leaks that cannot be repaired. Water is dripping on the floor and ruining ceiling tiles.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2016	126,115	126,115
			126,115	126,115

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	126,115	126,115
			126,115	126,115

**Capital Improvements Program
2016 - 2020 Program**

FD09 Fire Station Carpeting

This allocation provides funds for the purchase and installation of carpeting at each of the three fire stations. The existing carpet is worn and stained. The carpet at station #1 will cost about \$31,000 while stations #2 and #3 will cost about \$9,500 and \$6,000, respectively.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	12,500	12,500
CIP Sales Tax Fund		2017	12,500	12,500
CIP Sales Tax Fund		2018	12,500	12,500
CIP Sales Tax Fund		2019	12,500	12,500
			50,000	50,000

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	12,500	12,500
Construction		2017	12,500	12,500
Construction		2018	12,500	12,500
Construction		2019	12,500	12,500
			50,000	50,000

**Capital Improvements Program
2016 - 2020 Program**

FD04 Fire Station Diesel Exhaust Removal System

This allocation provides funds for the purchase and installation of a diesel exhaust removal system for the fire stations. The existing exhaust fans are not efficient or effective in ensuring acceptable amounts of exhaust fumes. The current system also removes heat from the station during the winter every time the bay doors are opened.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	48,100	48,100
			48,100	48,100

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	48,100	48,100
			48,100	48,100

**Capital Improvements Program
2016 - 2020 Program**

PW03 Service Center Canopy Over Fuel Pumps

This allocation provides funds for the construction of a lighted canopy over the fuel pumps at the Service Center. Many departments often fuel at night and having a lighted canopy will provide better ability to read pumps and to enter information into the pumps for correct fueling. The canopy will provide protection during inclement weather for employees as they fuel.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	33,000	33,000
			33,000	33,000

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	33,000	33,000
			33,000	33,000

**Capital Improvements Program
2016 - 2020 Program**

PC05 Community Center Railing

This allocation provides funds to replace the railing that runs down the front and sides of the Community Center. The existing railing has rusted in many places and has become a serious safety issue. The proposal is to replace the railing with a wrought iron railing that would not only be safe but also more appropriate to the historic building.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	20,000	20,000
			20,000	20,000

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	20,000	20,000
			20,000	20,000

**Capital Improvements Program
2016 - 2020 Program**

PC11 Community Center Exterior Glass

This allocation provides funds for the replacement 24 panes of exterior thermal pane glass at the Community Center. This glass is located at the entrance to the Riverview Room. The existing glass have broken seals, leaks, and cannot be adequately cleaned.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	18,900	18,900
			18,900	18,900

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	18,900	18,900
			18,900	18,900

**Capital Improvements Program
2016 - 2020 Program**

FD07 Fire Station Sprinkler System Refurbishing

This allocation provides funds for refurbishing the fire station #1 sprinkler system. The high pressure in the system has caused issues like seals and gaskets failing and valves leaking.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	16,500	16,500
			16,500	16,500

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	16,500	16,500
			16,500	16,500

**Capital Improvements Program
2016 - 2020 Program**

FD10 Fire Station Counter Top, Sink Replacement

This allocation provides funds for the purchase and installation of kitchen cabinet counter tops and a sink at fire station #1. The existing counter tops are falling apart.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	8,000	8,000
			8,000	8,000

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	8,000	8,000
			8,000	8,000

**Capital Improvements Program
2016 - 2020 Program**

PW04 Service Center Flooring

This allocation provides funds to replace the carpeting in three manager offices and the reception area in the Service Center with linoleum flooring. This carpet is over 10 years old and needs replacement due to the inability to remove stains and dirt even with deep cleaning.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	4,000	4,000
			4,000	4,000

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	4,000	4,000
			4,000	4,000

**Capital Improvements Program
2016 - 2020 Program**

WW11 Sewer Plant Sludge Blender

This allocation provides funds for the replacement of a sludge blender for the sewer plant. This equipment is used to mix quick lime with the dewatered sludge from the belt press to raise the Ph for transport to the landfill. The existing blender was installed in 1994 and the unit is experiencing significant down time which affects sludge levels in the tank and sludge blankets in the primary basins.

Uses	Comments	Year	Requested Cost	Projected Cost
Construction			65,000	0
			65,000	0

**Capital Improvements Program
2016 - 2020 Program**

PC12 Community Center Floor Tile

This allocation provides funds for the replacement of floor tiles in the basement Men's and Women's restrooms and showers. The existing tiles are broken and coming loose.

Uses	Comments	Year	Requested Cost	Projected Cost
Construction			22,000	0
			22,000	0

Capital Improvements Program

2016 - 2020 Program

Equipment

Project	Page	Requested Cost	Projected Cost	
Existing Projects				
GG1502	Equipment Replacement	59	1,512,250	1,475,750
GG1501	Computer Equipment	60	218,750	218,750
FD1501	Fire Equipment	61	117,025	117,025
PD1501	Police Equipment	62	90,000	90,000
PC1502	Parks Equipment	63	80,000	80,000
FD1604	Fire Breathing Air Compressor	64	42,495	42,495
GG1603	Replace Firewalls	65	31,075	31,075
PW16	Upgrade City Owned Street Lighting	66	30,000	30,000
New Projects				
WW10	Sewer Plant Replace Ultraviolet Lamps	67	748,000	748,000
WW01	Sewer Dump Trucks	68	240,000	240,000
PW10	Streets Front End Loader	69	165,500	165,500
PC09	Cody Park Playground Equipment	70	120,000	125,400
WW08	Sewer Plant Submersible Communiutors	71	73,540	80,310
PC06	Parks Mower Replacement	72	52,500	52,500
FD01	Fire Rescue Tools	73	27,825	27,825
PD01	Police K-9	74	20,000	20,000
PW1509	Engineering Copier	75	17,600	17,600
WW05	Sewer Vactor Box Dewater Station	76	16,000	16,000
WW06	Sewer Pole Camera	77	16,000	16,000
PD02	Police Body Cameras	78	15,000	15,000
PC01	Community Center Security System	79	14,925	14,925
PW30	Engineering GPS Equipment Upgrades	80	14,435	14,435
GG01	VOIP Telephone Security System	81	10,645	10,645
FD05	Fire Broadband Routers with Modem/Wifi	82	10,100	10,100

Capital Improvements Program

2016 - 2020 Program

Equipment

	Project	Page	Requested Cost	Projected Cost
WW04	Sewer E-Coli Sampling Equipment	83	9,875	9,875
PW15	Garage Tire Changer	84	9,000	9,000
GG02	Wireless LAN Controller	85	8,990	8,990
FD03	Fire Traffic Signal Activation LED	86	6,000	6,000
FD11	Fire Station Radio Speakers	87	4,475	4,475
FD08	Fire Rescue Air Bags	88	4,135	4,135
PC02	Community Center Pool LED Bulbs	89	3,755	3,755
PW14	Garage MIG Welder	90	2,360	2,360
PW13	Service Center Ice Machine	91	2,000	2,000
PW17	Garage Tool Chest Sets	92	1,700	1,700
FD06	Fire Station Gas Range	93	1,500	1,500
WW07	Sewer Vactor Truck	94	397,905	0
PW09	Streets Asphalt Roller	95	48,500	0
PC04	Riverfront Park Security Gate	96	12,600	0
PW02	Service Center Bulk Oil Storage Tanks	97	5,400	0

**Capital Improvements Program
2016 - 2020 Program**

GG1502 Equipment Replacement

This annual allocation has been established to facilitate the acquisition of replacement vehicles and equipment required by the City on an ongoing basis. The 2016 allocation will be used to purchase 1 Police patrol vehicle, 2 Police detective vehicles, 1 Police K-9 vehicle, 1 Fire administration vehicle, 2 Engineering SUVs, 1 Streets pickup truck, and 1 Parks pickup truck.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	320,000	283,500
CIP Sales Tax Fund		2017	291,450	291,450
CIP Sales Tax Fund		2018	295,800	295,800
CIP Sales Tax Fund		2019	300,250	300,250
CIP Sales Tax Fund		2020	304,750	304,750
			1,512,250	1,475,750

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase	Streets Pickup Truck	2016	52,500	52,500
Equipment Purchase	Two Engineering SUVs	2016	51,500	51,500
Equipment Purchase	2 Police Detective Vehicles	2016	45,000	45,000
Equipment Purchase	Police K-9 SUV	2016	38,400	38,400
Equipment Purchase	Fire Administration Vehicle	2016	36,500	0
Equipment Purchase	Fire Administration Vehicle	2016	34,500	34,500
Equipment Purchase	Police Patrol Vehicle	2016	32,900	32,900
Equipment Purchase	Parks Pickup Truck	2016	28,700	28,700
Equipment Purchase		2016	0	0
Equipment Purchase		2017	291,450	291,450
Equipment Purchase		2018	295,800	295,800
Equipment Purchase		2019	300,250	300,250
Equipment Purchase		2020	304,750	304,750
			1,512,250	1,475,750

**Capital Improvements Program
2016 - 2020 Program**

GG1501 Computer Equipment

This annual allocation has been established to facilitate the replacement of computer equipment required by the City on an ongoing basis.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	42,450	42,450
CIP Sales Tax Fund		2017	43,100	43,100
CIP Sales Tax Fund		2018	43,750	43,750
CIP Sales Tax Fund		2019	44,400	44,400
CIP Sales Tax Fund		2020	45,050	45,050
			218,750	218,750

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	42,450	42,450
Equipment Purchase		2017	43,100	43,100
Equipment Purchase		2018	43,750	43,750
Equipment Purchase		2019	44,400	44,400
Equipment Purchase		2020	45,050	45,050
			218,750	218,750

**Capital Improvements Program
2016 - 2020 Program**

FD1501 Fire Equipment

This annual allocation has been established to facilitate the acquisition of standard equipment required by the Fire Department on an ongoing basis. In addition, a \$10,250 allocation for the purchase of SCBA cylinders will be available in years 2016 and 2017.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	19,305	19,305
CIP Sales Tax Fund	SCBA Cylinders	2016	10,250	10,250
CIP Sales Tax Fund		2017	19,305	19,305
CIP Sales Tax Fund	SCBA Cylinders	2017	10,250	10,250
CIP Sales Tax Fund		2018	19,305	19,305
CIP Sales Tax Fund		2019	19,305	19,305
CIP Sales Tax Fund		2020	19,305	19,305
			117,025	117,025

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	19,305	19,305
Equipment Purchase	SCBA Cylinders	2016	10,250	10,250
Equipment Purchase		2017	19,305	19,305
Equipment Purchase	SCBA Cylinders	2017	10,250	10,250
Equipment Purchase		2018	19,305	19,305
Equipment Purchase		2019	19,305	19,305
Equipment Purchase		2020	19,305	19,305
			117,025	117,025

**Capital Improvements Program
2016 - 2020 Program**

PD1501 Police Equipment

This annual allocation has been established to facilitate the replacement of equipment required by the Police Department on an ongoing basis.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	18,000	18,000
CIP Sales Tax Fund		2017	18,000	18,000
CIP Sales Tax Fund		2018	18,000	18,000
CIP Sales Tax Fund		2019	18,000	18,000
CIP Sales Tax Fund		2020	18,000	18,000
			90,000	90,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	18,000	18,000
Equipment Purchase		2017	18,000	18,000
Equipment Purchase		2018	18,000	18,000
Equipment Purchase		2019	18,000	18,000
Equipment Purchase		2020	18,000	18,000
			90,000	90,000

**Capital Improvements Program
2016 - 2020 Program**

PC1502 Parks Equipment

This annual allocation has been established to facilitate the replacement of equipment required by the Parks Department on an ongoing basis.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	16,000	16,000
CIP Sales Tax Fund		2017	16,000	16,000
CIP Sales Tax Fund		2018	16,000	16,000
CIP Sales Tax Fund		2019	16,000	16,000
CIP Sales Tax Fund		2020	16,000	16,000
			80,000	80,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	16,000	16,000
Equipment Purchase		2017	16,000	16,000
Equipment Purchase		2018	16,000	16,000
Equipment Purchase		2019	16,000	16,000
Equipment Purchase		2020	16,000	16,000
			80,000	80,000

**Capital Improvements Program
2016 - 2020 Program**

FD1604 Fire Breathing Air Compressor

This allocation provides funds for the replacement of the air compressor used for filling SCBA cylinders. The current unit is 20 years old and was only designed to fill bottles to 2216 PSI (1/2 hour); the current equipment uses 4500 PSI cylinders (1 hour).

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	42,495	42,495
			42,495	42,495

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	42,495	42,495
			42,495	42,495

**Capital Improvements Program
2016 - 2020 Program**

GG1603 Replace Firewalls

This allocation provides funds for the replacement of firewalls at the Justice Center & City Hall. The current equipment is obsolete and will soon be unsupported.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	31,075	31,075
			31,075	31,075

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	31,075	31,075
			31,075	31,075

**Capital Improvements Program
2016 - 2020 Program**

PW16 Upgrade City Owned Street Lighting

This allocation provides funds for replacing City-owned streets lighting with LED fixtures. The general location of City-owned lights include all traffic signal poles, the Arbor Way (4th Street north of Seneca) and 20th Street Trafficway. The proposal is to spend approximately \$30,000 in 2016 to replace the 250 HPS lights with 68 watt LEDs. The 2016 allocation will complete the project.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	30,000	30,000
			30,000	30,000
Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	30,000	30,000
			30,000	30,000

**Capital Improvements Program
2016 - 2020 Program**

WW10 Sewer Plant Replace Ultraviolet Lamps

This allocation provides funds for the replacement of all UV lamps when lamp hours each 12,000 hours.

There are three channels with a total of 1,440 lamps. Channel A has 11,000 hours, Channel B has 7,200 hours, and Channel C has 7,700 hours. The manufacturer discounts the lamps until December 2017 at a cost of \$136.25 per lamp. After that time, the cost per lamp will be \$344.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2016	74,000	74,000
Operating Budget		2017	74,000	74,000
Operating Budget		2018	200,000	200,000
Operating Budget		2019	200,000	200,000
Operating Budget		2020	200,000	200,000
			748,000	748,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	74,000	74,000
Equipment Purchase		2017	74,000	74,000
Equipment Purchase		2018	200,000	200,000
Equipment Purchase		2019	200,000	200,000
Equipment Purchase		2020	200,000	200,000
			748,000	748,000

**Capital Improvements Program
2016 - 2020 Program**

WW01 Sewer Dump Trucks

This allocation provides funds for the 2018 and 2019 replacement of two dump trucks for the sewer plant. The existing truck have approximately 158,000 miles and add approximately 23,000 per year. The trucks have a life expectancy of 250,000 miles.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2018	120,000	120,000
Operating Budget		2019	120,000	120,000
			240,000	240,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2018	120,000	120,000
Equipment Purchase		2019	120,000	120,000
			240,000	240,000

**Capital Improvements Program
2016 - 2020 Program**

PW10 Streets Front End Loader

This allocation provides funds for the replacement of a front end loader for the Streets Department. The existing loader is a 15 year old rubber tire loader with 10,518 hours of service. This loader is used for snow removal, removal of storm debris, and loading of street repair materials.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2017	165,500	165,500
			165,500	165,500

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2017	165,500	165,500
			165,500	165,500

**Capital Improvements Program
2016 - 2020 Program**

PC09 Cody Park Playground Equipment

This allocation provides funds for the replacement of the playground equipment at Cody Park. The work would include removal of existing equipment and installation of new equipment, surface drainage, and ADA playground mulch. The existing equipment is 18 years old, is becoming unsafe and very expensive to maintain. Cody Park is the City's most popular playground in the City.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2017	120,000	125,400
			120,000	125,400

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2017	120,000	125,400
			120,000	125,400

**Capital Improvements Program
2016 - 2020 Program**

WW08 Sewer Plant Submersible Communiutors

This allocation provides funds for the purchase and installation of two submersible communiutors (garbage grinders) for the sewer plant. Inorganic material that passes through the bar screen continue through the plant and the various pumps. This material causes pump shafts to wear out and reduces the life of the pumps. There are eight pumps affected and each pump costs about \$18,000 to replace.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2018	73,540	80,310
			73,540	80,310

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2018	73,540	80,310
			73,540	80,310

**Capital Improvements Program
2016 - 2020 Program**

PC06 Parks Mower Replacement

This allocation provides funds for the replacement of a 10.5' mower for the Parks Department. The existing mower has become expensive to maintain and is beyond its useful life. The unit is currently out of service.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	52,500	52,500
			52,500	52,500

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	52,500	52,500
			52,500	52,500

**Capital Improvements Program
2016 - 2020 Program**

FD01 Fire Rescue Tools

This allocation provides funds for the purchase of Hurst battery powered rescue tools to replace a thirteen year old unit on Engine 3. The requested tools provide greater power for spreading and cutting metal on extrication calls.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	27,825	27,825
			27,825	27,825

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	27,825	27,825
			27,825	27,825

**Capital Improvements Program
2016 - 2020 Program**

PD01 Police K-9

This allocation provides funds for the purchase of a K-9 to replace the existing K-9 Ivan who has begun to experience health issues as he ages. At the time of replacement, Ivan will be 9 years old. The purchase will include a new K-9 and the six weeks of training necessary to certify both the K-9 and handler as a patrol/narcotic dog.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	20,000	20,000
			20,000	20,000
Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	20,000	20,000
			20,000	20,000

**Capital Improvements Program
2016 - 2020 Program**

PW1509 Engineering Copier

This allocation provides funds for the replacement of the current KIP color scanner/copier that is about 10 years old. The current scanner is still functional but is nearing end of life.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	17,600	17,600
			17,600	17,600

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	17,600	17,600
			17,600	17,600

**Capital Improvements Program
2016 - 2020 Program**

WW05 Sewer Vactor Box Dewater Station

This allocation provides funds for the construction of a dewater station at the sewer plant for the debris box of the Vactor truck. This station will enable the Vactor truck to be cleaned out and the debris dewatered and placed into the grit dumpsters. This will prevent spilling wastewater on the grounds of the plant. Currently, the Vactor truck is dumped into a dumpster and dewatered for weeks before it can be hauled away.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2016	16,000	16,000
			16,000	16,000
Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	16,000	16,000
			16,000	16,000

**Capital Improvements Program
2016 - 2020 Program**

WW06 Sewer Pole Camera

This allocation provides funds for the replacement of a pole camera. The existing camera was purchased in 2013 and has been used by WPC and the Streets Departments. It has had some battery problems which causes the battery pack to smoke. The camera would be given to the Streets Department.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2016	16,000	16,000
			16,000	16,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	16,000	16,000
			16,000	16,000

**Capital Improvements Program
2016 - 2020 Program**

PD02 Police Body Cameras

This allocation provides funds to supplement a grant to purchase 50 body cameras for the Department. This will ensure that all first responders have a body camera.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	15,000	15,000
			15,000	15,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	15,000	15,000
			15,000	15,000

**Capital Improvements Program
2016 - 2020 Program**

PC01 Community Center Security System

This allocation provides funds to significantly upgrade the Community Center's security system. Currently, the system consists of one obsolete camera, a DVR, two motion detectors, and two door contacts for the entire building at a cost of \$2,285 per year. The proposed system would provide significantly greater coverage of the building at an annual cost of \$540.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	14,925	14,925
			14,925	14,925

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	14,925	14,925
			14,925	14,925

**Capital Improvements Program
2016 - 2020 Program**

PW30 Engineering GPS Equipment Upgrades

This allocation provides funds for the replacement of the GPS equipment with upgraded electronics and software. The existing unit is 8 years old and approaching the end of its useful life. The equipment is used in conjunction with GIS systems and is used to locate infrastructure such as pipes, signs, curbs, etc..

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	14,435	14,435
			14,435	14,435

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	14,435	14,435
			14,435	14,435

**Capital Improvements Program
2016 - 2020 Program**

GG01 VOIP Telephone Security System

This allocation provides funds for the purchase and installation of a security system for the City's telephone system. Essentially, this system provides the capability for all telephones to have a "panic button" that connects directly to dispatch.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	10,645	10,645
			10,645	10,645

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	10,645	10,645
			10,645	10,645

**Capital Improvements Program
2016 - 2020 Program**

FD05 Fire Broadband Routers with Modem/Wifi

This allocation provides funds for the purchase and installation of broadband routers for fire trucks. The equipment will enable the fire trucks to act as mobile hot spots and will allow Ipads on or near the hot spot to communicate via wifi to receive emergency calls, GIS mapping, and inspection data. The cost includes funds for protective cases for Ipads and mounting brackets. The Ipads were received through Homeland Security funds.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	10,100	10,100
			10,100	10,100

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	10,100	10,100
			10,100	10,100

**Capital Improvements Program
2016 - 2020 Program**

WW04 Sewer E-Coli Sampling Equipment

This allocation provides funds for the purchase of the laboratory equipment necessary to test for E-coli. The City is required to collect 4 rain event samples when the City receives 1/2 inch of rain. Currently, the samples are sent to Pace Laboratory for testing. Being able to perform these tests in-house will be more economical and efficient. The City spends about \$5,000 per year on such tests.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2016	9,875	9,875
			9,875	9,875

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	9,875	9,875
			9,875	9,875

**Capital Improvements Program
2016 - 2020 Program**

PW15 Garage Tire Changer

This allocation provides funds for the replacement of the tire changer at the Garage. The existing unit is not working properly and parts are no longer available. It also poses an unacceptable safety situation as serious injury could occur if the unit failed.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	9,000	9,000
			9,000	9,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	9,000	9,000
			9,000	9,000

**Capital Improvements Program
2016 - 2020 Program**

GG02 Wireless LAN Controller

This allocation provides funds for the purchase and installation of a wireless LAN controller that provides the wifi capability for the City's network. The existing controller is obsolete.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	8,990	8,990
			8,990	8,990

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	8,990	8,990
			8,990	8,990

**Capital Improvements Program
2016 - 2020 Program**

FD03 Fire Traffic Signal Activation LED

This allocation provides funds for the purchase of 6 opticom LED emitters that activate the traffic signal lights at various intersections. The current equipment is first generation technology that is over 20 years old.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	6,000	6,000
			6,000	6,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	6,000	6,000
			6,000	6,000

**Capital Improvements Program
2016 - 2020 Program**

FD11 Fire Station Radio Speakers

This allocation provides funds for the purchase and installation of radio speakers for all fire station apparatus bays. The existing speakers are over 15 years old and have very poor sound quality. The new speakers will be designed specifically for each station to maximize sound clarity.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	4,475	4,475
			4,475	4,475

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	4,475	4,475
			4,475	4,475

**Capital Improvements Program
2016 - 2020 Program**

FD08 Fire Rescue Air Bags

This allocation provides funds for the replacement of three rescue air bags that are obsolete. These air bags are used primarily for lifting.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	4,135	4,135
			4,135	4,135

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	4,135	4,135
			4,135	4,135

**Capital Improvements Program
2016 - 2020 Program**

PC02 Community Center Pool LED Bulbs

This allocation provides funds for the replacement of 17 metal halide bulbs with LED bulbs in the Community Center pool area. The LED bulbs will save energy, last longer, and provide more efficient illumination of the pool area, thereby increasing patron safety.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	3,755	3,755
			3,755	3,755

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	3,755	3,755
			3,755	3,755

**Capital Improvements Program
2016 - 2020 Program**

PW14 Garage MIG Welder

This allocation provides funds for the replacement of a MIG welder for the Service Center. The existing unit is inoperable and parts are no longer available for it. Welding is performed almost daily and staff must now use the stick welder which slows the process by hours. It should only be used as a backup.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	2,360	2,360
			2,360	2,360

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	2,360	2,360
			2,360	2,360

**Capital Improvements Program
2016 - 2020 Program**

PW13 Service Center Ice Machine

This allocation provides funds for the replacement of the ice machine at the Service Center. The existing unit is not reliable and obsolete. Maintenance has become very expensive.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	2,000	2,000
			2,000	2,000

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	2,000	2,000
			2,000	2,000

**Capital Improvements Program
2016 - 2020 Program**

PW17 Garage Tool Chest Sets

This allocation provides funds for the replacement of two tool chest sets at the Garage. The existing boxes are too small to hold all the tools, cannot be locked, and are falling apart. Tools must be left out and unsecured which leaves them open to loss or theft.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	1,700	1,700
			1,700	1,700

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	1,700	1,700
			1,700	1,700

**Capital Improvements Program
2016 - 2020 Program**

FD06 Fire Station Gas Range

This allocation provides funds to replace a gas range at a fire station.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	1,500	1,500
			1,500	1,500

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase		2016	1,500	1,500
			1,500	1,500

**Capital Improvements Program
2016 - 2020 Program**

WW07 Sewer Vactor Truck

This allocation provides funds for the purchase of a second Vactor truck for WPC to ensure that a truck is always available. On several occasions, the existing truck has not been available overnight or on weekends due to maintenance issues. The truck was purchased in 2003 and has 43,000 miles.

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase			397,905	0
			397,905	0

**Capital Improvements Program
2016 - 2020 Program**

PW09 Streets Asphalt Roller

This allocation provides funds for the replacement of a double drum asphalt roller for the Streets Department. The current roller is inoperable and is 15 years beyond normal life expectancy. The department is currently renting a roller for use during the 4 primary summer months .

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase			48,500	0
			48,500	0

**Capital Improvements Program
2016 - 2020 Program**

PC04 Riverfront Park Security Gate

This allocation provides funds for the replacement of the gate providing access to the Riverfront Park campground. The existing gate is homemade and locked with a chain and padlock. Campers are issued keys. The gate is often left open making access to the campground difficult to manage. The proposed gate would be automated and would require a code to enter. The gate would close automatically behind a vehicle.

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase			12,600	0
			12,600	0

**Capital Improvements Program
2016 - 2020 Program**

PW02 Service Center Bulk Oil Storage Tanks

This allocation provides funds for the purchase and installation of bulk oil storage tanks at the Service Center. This will allow for better storage of oil products and allow for the purchase of oil products at more cost-effective quantities.

Uses	Comments	Year	Requested Cost	Projected Cost
Equipment Purchase			5,400	0
			5,400	0

Capital Improvements Program

2016 - 2020 Program

Economic Development

Project	Page	Requested Cost	Projected Cost	
Existing Projects				
ED01	Economic Development	99	2,000,100	2,000,100

**Capital Improvements Program
2016 - 2020 Program**

ED01 Economic Development

15% of annual proceeds have been dedicated to economic development projects. Specific project allocations will be determined from year to year. In 2011, a 10 year agreement was signed with the Port Authority to help bring in the VA Consolidated Patient Accounts Center (CPAC). The City agreed to fund \$50,000 per year out of the Countywide Sales Tax Economic Development allocation (2011-2020).

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund	15% of annual proceeds	2016	388,200	388,200
Countywide Sales Tax Fund		2017	394,050	394,050
Countywide Sales Tax Fund		2018	399,900	399,900
Countywide Sales Tax Fund		2019	405,900	405,900
Countywide Sales Tax Fund		2020	412,050	412,050
			2,000,100	2,000,100

Uses	Comments	Year	Requested Cost	Projected Cost
Other	Land Acquisition Debt Service	2016	146,160	146,160
Other	Unallocated	2016	113,465	113,465
Other	Operating Budget	2016	78,575	78,575
Other	CPAC	2016	50,000	50,000
Other	Unallocated	2017	264,295	264,295
Other	Operating Budget	2017	79,755	79,755
Other	CPAC	2017	50,000	50,000
Other	Unallocated	2018	268,950	268,950
Other	Operating Budget	2018	80,950	80,950
Other	CPAC	2018	50,000	50,000
Other	Unallocated	2019	273,735	273,735
Other	Operating Budget	2019	82,165	82,165
Other	CPAC	2019	50,000	50,000
Other	Unallocated	2020	278,650	278,650
Other	Operating Budget	2020	83,400	83,400
Other	CPAC	2020	50,000	50,000
			2,000,100	2,000,100

Capital Improvements Program

2016 - 2020 Program

Sewer Improvements

	Project	Page	Requested Cost	Projected Cost
	Existing Projects			
WW02	Sewer Line Rehabilitation	101	2,712,515	2,712,515
	New Projects			
WW12	Belt Filter Press Renovation	102	200,000	209,000

**Capital Improvements Program
2016 - 2020 Program**

WW02 Sewer Line Rehabilitation

This annual allocation has been established to facilitate the reconstruction of sewer lines throughout the City. Specific project allocations will be determined from year to year. This entire allocation comes from the Storm Sewer operating budget.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2016	526,470	526,470
Operating Budget		2017	534,365	534,365
Operating Budget		2018	542,380	542,380
Operating Budget		2019	550,520	550,520
Operating Budget		2020	558,780	558,780
			2,712,515	2,712,515

Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2016	526,470	526,470
Construction		2017	534,365	534,365
Construction		2018	542,380	542,380
Construction		2019	550,520	550,520
Construction		2020	558,780	558,780
			2,712,515	2,712,515

**Capital Improvements Program
2016 - 2020 Program**

WW12 Belt Filter Press Renovation

This allocation provides funds for the renovation of the belt filter press at the sewer plant. The existing press was installed in 1993 and operates an average of 7 hours a day for 5 days a week. The frame of the press is in good condition but all of the internal rollers and bearings are showing wear. The press has an estimated 40,000 hours on it.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2017	200,000	209,000
			200,000	209,000
Uses	Comments	Year	Requested Cost	Projected Cost
Construction		2017	200,000	209,000
			200,000	209,000

Capital Improvements Program

2016 - 2020 Program

Other

Project	Page	Requested Cost	Projected Cost	
Existing Projects				
GG10	Debt Reduction	104	2,000,100	2,000,100
PC07	Community Center Operations	105	1,500,000	1,500,000
DS04	Animal Control Debt Service	106	1,282,665	1,282,665
DS03	Fire Truck Lease	107	592,865	592,865
DS07	Public Safety Communications Debt Service	108	592,000	592,000
DS05	Downtown Hotel Debt Service	109	350,175	350,175
DS08	Finance Software Debt Service	110	281,315	281,315
DS06	Fire SCBA Debt Service	111	70,900	70,900
New Projects				
PW33	2nd Street Bridge Debt Service	112	1,232,800	1,232,800

**Capital Improvements Program
2016 - 2020 Program**

GG10 Debt Reduction

15% of annual proceeds have been dedicated to the retirement of outstanding general obligation debt. Specific outstanding debt issues to be retired will be determined from year to year.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund	15% of annual proceeds	2016	388,200	388,200
Countywide Sales Tax Fund		2017	394,050	394,050
Countywide Sales Tax Fund		2018	399,900	399,900
Countywide Sales Tax Fund		2019	405,900	405,900
Countywide Sales Tax Fund		2020	412,050	412,050
			2,000,100	2,000,100

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	388,200	388,200
Other		2017	394,050	394,050
Other		2018	399,900	399,900
Other		2019	405,900	405,900
Other		2020	412,050	412,050
			2,000,100	2,000,100

**Capital Improvements Program
2016 - 2020 Program**

PC07 Community Center Operations

This annual allocation has been established to facilitate the ongoing operation of the Community Center.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	300,000	300,000
CIP Sales Tax Fund		2017	300,000	300,000
CIP Sales Tax Fund		2018	300,000	300,000
CIP Sales Tax Fund		2019	300,000	300,000
CIP Sales Tax Fund		2020	300,000	300,000
			1,500,000	1,500,000

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	300,000	300,000
Other		2017	300,000	300,000
Other		2018	300,000	300,000
Other		2019	300,000	300,000
Other		2020	300,000	300,000
			1,500,000	1,500,000

**Capital Improvements Program
2016 - 2020 Program**

DS04 Animal Control Debt Service

In 2013, \$2,305,000 of bonds were issued to permanently finance the Animal Control facility project. Principal payments on the bonds will begin in 2016 and continue until 2025. The payments will be made from the CIP Sales Tax Fund.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	254,945	254,945
CIP Sales Tax Fund		2017	258,550	258,550
CIP Sales Tax Fund		2018	256,570	256,570
CIP Sales Tax Fund		2019	258,270	258,270
CIP Sales Tax Fund		2020	254,330	254,330
			1,282,665	1,282,665

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	254,945	254,945
Other		2017	258,550	258,550
Other		2018	256,570	256,570
Other		2019	258,270	258,270
Other		2020	254,330	254,330
			1,282,665	1,282,665

**Capital Improvements Program
2016 - 2020 Program**

DS03 Fire Truck Lease

In 2016, \$1,606,585 will be required to replace three fire trucks. These trucks will be financed with general obligation bonds with a 15 year maturity. Given \$146,465 allocations in both 2015 and 2016 that can be used toward the purchase, only \$1,340,000 (including 2% issuance costs) of bonds will be required. Annual principal and interest payments are estimated to be \$111,600 beginning in 2017.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	146,465	146,465
CIP Sales Tax Fund		2017	111,600	111,600
CIP Sales Tax Fund		2018	111,600	111,600
CIP Sales Tax Fund		2019	111,600	111,600
CIP Sales Tax Fund		2020	111,600	111,600
			592,865	592,865

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	146,465	146,465
Other		2017	111,600	111,600
Other		2018	111,600	111,600
Other		2019	111,600	111,600
Other		2020	111,600	111,600
			592,865	592,865

**Capital Improvements Program
2016 - 2020 Program**

DS07 Public Safety Communications Debt Service

A two-year temporary note was issued in 2014 for \$590,000 to purchase and install new radios for Public Safety and all other City departments. These temporary notes will be repaid from an allocation in the Countywide Sales Tax Fund in 2016.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	592,000	592,000
			592,000	592,000

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	592,000	592,000
			592,000	592,000

**Capital Improvements Program
2016 - 2020 Program**

DS05 Downtown Hotel Debt Service

In 2013, \$840,000 of bonds were issued to finance the purchase and demolition of the Knight's Inn hotel. Principal payments on the bonds will begin in 2016 and continue until 2025. The payments will be made from the CIP Sales Tax Fund.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	67,945	67,945
CIP Sales Tax Fund		2017	71,095	71,095
CIP Sales Tax Fund		2018	69,995	69,995
CIP Sales Tax Fund		2019	68,895	68,895
CIP Sales Tax Fund		2020	72,245	72,245
			350,175	350,175

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	67,945	67,945
Other		2017	71,095	71,095
Other		2018	69,995	69,995
Other		2019	68,895	68,895
Other		2020	72,245	72,245
			350,175	350,175

**Capital Improvements Program
2016 - 2020 Program**

DS08 Finance Software Debt Service

This allocation is for payment of the 2014-B bond issue to finance the new finance software & equipment. This will be paid for by the savings between the old finance software maintenance and the new software maintenance over 10 years from 2015 to 2024.

Sources	Comments	Year	Requested Cost	Projected Cost
Operating Budget		2016	56,400	56,400
Operating Budget		2017	55,275	55,275
Operating Budget		2018	54,265	54,265
Operating Budget		2019	58,250	58,250
Operating Budget		2020	57,125	57,125
			281,315	281,315

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	56,400	56,400
Other		2017	55,275	55,275
Other		2018	54,265	54,265
Other		2019	58,250	58,250
Other		2020	57,125	57,125
			281,315	281,315

**Capital Improvements Program
2016 - 2020 Program**

DS06 Fire SCBA Debt Service

In 2014, \$105,000 of temporary notes were issued to purchase Fire Department SCBA equipment with a 3 year maturity. Principal and interest payments will average \$35,600 in 2016 and 2017. The payments will be made from the CIP Sales Tax Fund.

Sources	Comments	Year	Requested Cost	Projected Cost
CIP Sales Tax Fund		2016	35,550	35,550
CIP Sales Tax Fund		2017	35,350	35,350
			70,900	70,900

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	35,550	35,550
Other		2017	35,350	35,350
			70,900	70,900

**Capital Improvements Program
2016 - 2020 Program**

PW33 2nd Street Bridge Debt Service

This allocation provides funds to accommodate the principal and interest required on the temporary notes that will be issued in 2016 for the 2nd Street Bridge project. The project requires an additional \$1,171,535 in funding. It is anticipated that \$250,000 will be allocated in 2016 toward this requirement and that \$940,000 (including 2% issuance costs) of notes will be issued in 2016 with a four year maturity. The principal and interest requirement will be approximately \$245,700 per year from 2017 through 2020.

Sources	Comments	Year	Requested Cost	Projected Cost
Countywide Sales Tax Fund		2016	250,000	250,000
Countywide Sales Tax Fund		2017	245,700	245,700
Countywide Sales Tax Fund		2018	245,700	245,700
Countywide Sales Tax Fund		2019	245,700	245,700
Countywide Sales Tax Fund		2020	245,700	245,700
			1,232,800	1,232,800

Uses	Comments	Year	Requested Cost	Projected Cost
Other		2016	250,000	250,000
Other		2017	245,700	245,700
Other		2018	245,700	245,700
Other		2019	245,700	245,700
Other		2020	245,700	245,700
			1,232,800	1,232,800