

2019-2028 Proposed Capital Improvement Plan

City of Topeka, Kansas
Proposed March 13, 2018

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CIP Introduction and Process

The City's Capital Improvement Plan (CIP) approval process historically runs consecutively to the development of the annual City operating budget. Historically, the City Council has approved a five-year Capital Improvement Plan, which includes a three-year Capital Improvement Budget (CIB) comprised of the first three years of the plan. Beginning with the 2015 CIP, the Council was asked to adopt the CIP *before* the annual budget process, and to approve a three-year budget. This gives departments a three-year picture for capital project planning. It is noted that appropriations can only be made on an annual basis. In order to realize better financial planning this is the second CIP that utilizes a 10 year time-frame as opposed to 5.

The following pages represent a summary of those projects scheduled to commence during the 2019 - 2021 budget years along with tables showing the adopted five-year Capital Improvement Plan as well as an additional 5 years of projects in list form. The Council's action in approving the Capital Budget authorizes staff to begin preliminary work on these projects. Included in this year's adoption of the Capital Improvement Plan are individual project sheets. If the CIP and corresponding resolution is approved, then expenditures for the projects included in this document are truly authorized, and construction work can begin when the revenue source is available. For projects financed with general obligation bonds, the project budget, bond resolution and bond ordinance provide the legal authority to issue bonds.

General Obligation (G.O.) bonds have been the primary method of financing for most projects outside of the enterprise operations. Beginning with the 2006 -2010 CIP , the City Manager recommended a citywide target of \$9,000,000 for G.O. bond projects each year, which had been roughly equivalent to the amount of principal paid each year. The City Council codified this target in 2016 as a 3 year \$27 million cap which would amount to an average of \$9 million over each of the Capital Improvement Budget's 3 years.

Project Definition

Capital improvement projects meeting one of the following criteria shall be included in the CIP Process:

- Real property acquisition.
- Construction of new facilities and addition to existing facility costing a minimum of \$50,000.



- Remodeling/repair of the interior/exterior of any facility exceeding \$25,000.
- Infrastructure project.
- Information technology projects costing a minimum of \$50,000.

Impact of Capital Improvement Projects on the Operating Budget

The projects approved for 2019-2028 are a mixture of new construction or expansion and projects that involve maintenance or rehabilitation and repair of existing facilities.

The majority falls into the rehabilitation and repair category. In these cases, the impact on the operating budget comes from a reduction in the demand for maintenance. However, these savings are not easily quantified as the remaining infrastructure is another year older and in need of increased maintenance.

Certain projects will have an impact on future operating budgets by either increasing or decreasing overhead costs like utilities. For example, improving neighborhood infrastructure should decrease operations and maintenance costs in the operating public works budget by improving the existing infrastructure.

Project Prioritization Process

There are far more needed projects than funds available. In order to present a CIP in line with City priorities, staff conducts rigorous prioritization efforts.

Leveraging technical expertise and institutional knowledge, departments prioritized CIP projects and submitted them to the Finance Department which analyzed projects for financial prudence and met with the full CIP Committee to create the proposed CIP.

The recommended CIP is considered by the Planning Commission for compliance with the City's Comprehensive Plan, and the City Manager reviews the CIP for compliance with City strategic goals.

Completed CIP Projects

Staff provides quarterly updates to Council on Public Works and Utilities Projects.

Item	Date
Staff Submits 2019-2028 CIP Requests	Dec. 2017
CIP Approved by Planning Commission	2/19/2018
CIP Presented to City Council	3/13/2018
Resolution and Project Budgets approved by Council	4/3/2018

TYPES OF PROJECTS



Types of Projects

Capital projects in the CIP are sorted by type of project to align with City priorities. Some projects may fit into several categories, so the dominant type is represented below. For example, bike lanes may be considered both Streets and Quality of Life but is included in "Streets" below. Types of projects include:

Neighborhoods 2019-2023 CIP: \$14,950,000 (4%)

Projects to improve infrastructure within neighborhoods including streets, curbs, gutters, alleys and sidewalks; neighborhood projects are selected annually to leverage Stages of Resource Targeting (SORT), Community Development Block Grant (CDBG), and HOME Investment Partnership funds.

Funding source - G.O. Bonds, Federal Grants, and Utility funds.

Public Safety 2019-2023 CIP: \$23,343,053 (5%)

Projects which improve Public Safety including purchase of Fire Apparatus and Fire Stations.

Funding source - G.O. Bonds and Cash

Traffic 2019-2023 CIP: \$4,682,420 (1%)

Projects to improve traffic signal and traffic safety.

Funding source - G.O. Bonds.

Facilities 2019-2023 CIP: \$17,009,832 (4%)

Projects to improve City facilities.

Funding source - G.O. Bonds and Cash

Streets 2019-2023 CIP: \$133,581,486 (31%)

Includes maintenance of existing streets, construction of new streets, sidewalk maintenance, snow removal, bike lanes, streetscape improvements, alley repair, and curb and gutter repair.

Funding sources - G.O. Bonds, Federal Funds, Citywide Half-Cent Street Sales Tax, and Countywide Half-Cent Sales Tax.

Quality of Life 2019-2023 CIP: \$15,338,628 (4%)

Projects that benefit quality of life including improvements to the Topeka Zoo.

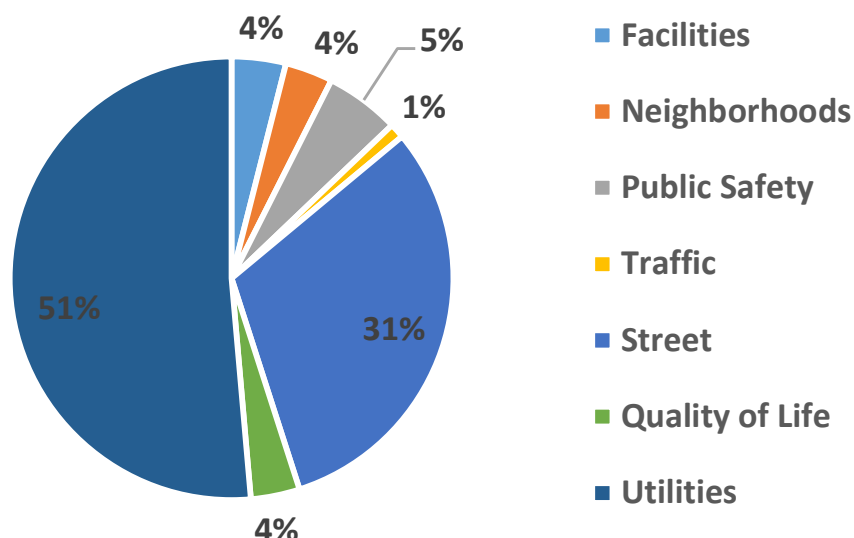
Funding source - G.O. Bonds, Countywide Half-Cent Sales Tax, and Cash.

Utilities 2019-2023 CIP: \$220,868,387 (51%)

Projects to improve or expand utility infrastructure.

Funding Source - cash from the Water, Wastewater, and Stormwater funds, in addition to Revenue Bonds.

Projects by Type





Non- Recurring Capital Projects

Detailed project sheets for all projects can be found in the CIP document. Highlighted non-recurring major projects in the 2019-2023 CIP include:

- **SW Arvon Place/Huntoon Street/I-470 Ramps:** This project will improve traffic operations, safety, and level of service in the area of SW Arvon Place, SW Huntoon Street, SW Winding Road, I-470 Ramps, and SW Wanamaker Road.
- **Construction of Fire Station (Station 14):** Design will begin in 2023 for a Fire Station in the Southern area of the city, exact location to be determined.
- **City Hall Renovations:** Significant renovations to City Hall including sewer gas venting issue, domestic plumbing leaking, asbestos removal, and fixing fire suppressant system to be code compliant. The project will require significant construction to the interior of the building to mechanical and plumbing.
- **Zoo Master Plan:** The zoo master plan will be worked on with the second round of Countywide Half-Cent Sales Tax funds. Combined with private donations, funds will include elements of the plan including Camp Cowabunga, the Gallery and Event Center at Kay's Garden, Tiger Trails, Elephant Reserve, and Giraffe Canopy.
- **SW 10th Avenue -- SW Fairlawn Road to SW Wanamaker Road:** This project will widen SW 10th Avenue between SW Fairlawn Road and SW Wanamaker Road. The new roadway will include curb & gutter, sidewalks, street lighting, and a drainage system.
- **East Filter Rehabilitation:** This project will replace the dual media, air wash system & underdrain system. This project will also include any structural repairs. Water quality analysis will be integrated into the project to ensure compliance with future regulatory requirements.
- **In-Situ Repair on SW Fairlawn, 22nd to 28th Storm Sewer:** This project involves the repair and/or rehabilitation of approximately 3,300 feet of deteriorating large diameter corrugated metal storm sewer pipe. This project will utilize cost-effective in-situ methods of repair/rehabilitation, such as pipe lining, to minimize impacts on traffic, street pavement, and adjacent properties.
- **Grant-Jefferson Pump Station Rehabilitation:** This project will replace the wet well, pumps, bar screen, controls, communication and electrical service and all necessary appurtenances.

- **Oakland Wastewater Treatment Plant Solids Handling/Biogas:** This project includes all necessary equipment and technological improvements for the process of removing and drying solid matter and the beneficial reuse of the methane gas, a by-product in the biological treatment of wastewater. The methane gas reuse effort will provide an economical and environmental benefit to the City of Topeka, as well as its citizens.

Recurring Capital Projects

Some projects are ongoing and reoccur every year. Highlighted recurring major projects in the 2019-2023 CIP include:

- **Neighborhood Infrastructure:** Annual project which targets certain neighborhoods and includes improvements such as rebuilding deteriorated streets, curb/gutter, alley and sidewalks.
- **Water Main Replacement Program:** Replace deteriorated water main that have a history of water main breaks. First priority is given to half-cent sales tax street projects.
- **Ongoing Half-Cent Sales Tax Maintenance and Improvement of Existing Streets:** This project will repair existing deteriorated streets at various locations city-wide.



Funding Source Definitions

Traditionally the Capital Improvement Plan utilizes a variety of funding sources. Major funding sources include:

G.O. Bond 2019-2023 CIP: \$60,694,970 (14%)

General Obligation (G.O.) bonds are used to finance major capital projects with an expected life of 10 or more years. A general obligation bond is secured by the City's pledge to use any legally available resources, including tax revenue, to repay bond holders. The City uses a portion of the property tax levy to finance the debt service payments.

Revenue Bonds 2019-2023 CIP: \$221,618,387* (52%)

The Water, Water Pollution Control, and Stormwater funds are enterprise funds, which are supported by fees for service rather than by taxes. Revenue bonds are a type of loan in which the loan is repaid with revenues from the enterprise, not by contributions from the General Fund. These loans are used to increase plant capacity and modernize the system.

**Will not bond full amount if cash is available.*



Citywide Half-Cent Street Sales Tax 2019-2023 CIP: \$74,238,000 (17%)

This is funded by a voter approved half-cent sales tax initiative. It is dedicated to maintenance and repair and cannot be used for new street construction. The tax sunsets in 2019 and collects approximately \$14m per year. The CIP project list assumes tax renewal.

Countywide Half-Cent Street Sales Tax 2019-2023 CIP: \$37,985,000 (9%)

This is funded by a voter approved half-cent sales tax initiative. These projects represent what is proposed to be completed with the second round of funds collected from 2017-2031.

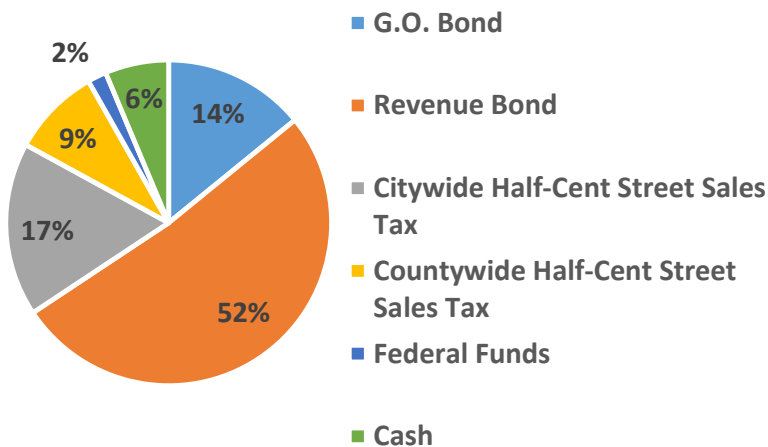
Federal Funds 2019-2023 CIP: \$8,070,000 (2%)

Funds received from the Federal government.

Cash 2019-2023 CIP: \$27,167,449 (6%)

When available and appropriate, the General Fund and enterprise funds pay for capital projects directly out of the operating budgets.

Projects by Funding Source



SUMMARY OF PROJECTS BY FUNDING SOURCE



Below is a summary of projects by Funding Source. The CIP document also includes detailed sheets for project including project definition, Department, location, and impact on operating budgets.

		Capital Improvement Budget			Capital Improvement Plan			
	Proposed Number	Proposed 2019	Proposed 2020	Proposed 2021	Proposed 2022	Proposed 2023	5 Year Total	
General Obligation Bond Projects								
Facilities								
City Hall Renovations	131036.00	\$2,000,000	\$2,000,000	\$1,650,000	\$1,200,000		\$6,850,000	
Subtotal Facilities		\$2,000,000	\$2,000,000	\$1,650,000	\$1,200,000	\$0	\$6,850,000	
Neighborhoods								
Infill Sidewalk/Pedestrian Master Plan	241046.00	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000	
Neighborhood Infrastructure	601094.00	\$1,400,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$8,200,000	
Subtotal Neighborhoods		\$2,000,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$11,200,000	
Public Safety								
Apparatus - Aerial (1501)	801023.00					\$1,665,000	\$1,665,000	
Apparatus - Engine (1437)	801004.00				\$850,000		\$850,000	
Fire Portable Radios	801015.00				\$693,450		\$693,450	
Fire Station #14	131037.00					\$5,776,261	\$5,776,261	
Apparatus - Aerial (1500)	801005.00	\$1,300,000					\$1,300,000	
Apparatus - Engine (1436)	801007.00			\$820,000			\$820,000	
Apparatus - Engine (1288)	801006.00		\$785,000				\$785,000	
Apparatus - Engine (1289)	801006.02		\$785,000				\$785,000	
Apparatus - Engine (1439)	801007.02			\$820,000			\$820,000	
Apparatus - Engine (1438)	801004.02				\$850,000		\$850,000	
Fire Hazmat Vehicle (1136)	801022.00				\$850,725		\$850,725	
Subtotal Public Safety		\$1,300,000	\$1,570,000	\$1,640,000	\$3,244,175	\$7,441,261	\$15,195,436	
Quality of Life								
Zoo Commissary	301062.00					\$236,250	\$236,250	
Zoo Public Path	301059.00				\$255,150		\$255,150	
Zoo - Storm Drainage, Parking, Group Entrance	301056.00	\$1,456,000					\$1,456,000	
Zoo Public Area Electrical Upgrade	301055.00					\$275,625	\$275,625	
Zoo Public Path Barrier Replacement Project	301057.00					\$500,000	\$500,000	
Zoo Tropical Rain Forest HVAC Replacement	301053.00			\$255,603			\$255,603	
Subtotal Quality of Life		\$1,456,000	\$0	\$255,603	\$255,150	\$1,011,875	\$2,978,628	
Street								
Bike Lanes on SE 6th & SE 10th Ave Bridges over I-70	861009.00					\$500,000	\$500,000	
NW Tyler Street, NW Beverly Street to NW Paramore Street	701034.00					\$50,000	\$50,000	
NW Tyler Street - NW Lyman Road to NW Beverly Street	701019.00					\$889,334	\$889,334	
S. Topeka Blvd from 21st Street to 29th Street	701031.00					\$100,000	\$100,000	
SE 29th Street/Kansas Turnpike Authority Interchange	701017.00					\$500,000	\$500,000	
SE Quincy Street from 8th Street to 10th Street	601098.00					\$90,000	\$90,000	
South Kansas Avenue (1st Street - 6th Street)	701024.00		\$50,000	\$50,000	\$235,000	\$7,350,000	\$7,685,000	
SW 10th Avenue - SW Fairlawn Road to SW Wanamaker Rd	701015.00		\$993,984	\$694,334	\$994,334		\$2,682,652	
SW 10th Avenue from Wanamaker to SW Gerald Lane	701023.00			\$150,000	\$50,000	\$1,365,000	\$1,565,000	
SW 29th Street from Topeka Blvd to Burlingame Road.	701032.00					\$75,000	\$75,000	
SW Arvonla Place/Huntoon Street/I-470 Ramps	701014.00	\$1,431,500					\$1,431,500	
SW Gage Blvd. from I-70 to 6th Street	601100.00					\$125,000	\$125,000	
SW Huntoon Street, SW Executive Drive to SW Urish Road	701029.00					\$350,000	\$350,000	
SW Wanamaker Road/SW Huntoon Street/I-470 Ramps	701018.00			\$500,000	\$500,000		\$1,000,000	
Wayfinding Signs Package A	861014.00	\$170,000					\$170,000	
Complete Street Projects	601096.00	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	
Citywide Infrastructure	601097.00	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000	
Wayfinding Signs Package B	861022.00	\$250,000	\$250,000				\$500,000	
SW Urish Road, SW 21st Street to SW 29th Street	701030.00					\$450,000	\$450,000	
Subtotal Street		\$2,176,500	\$1,618,984	\$1,719,334	\$2,104,334	\$12,169,334	\$19,788,486	
Traffic								
Traffic Signal Replacement Program	141024.00	\$750,000	\$713,579	\$600,000	\$628,841	\$600,000	\$3,292,420	
Traffic Safety Projects	601095.00	\$220,000	\$220,000	\$220,000	\$220,000	\$220,000	\$1,100,000	
Downtown Traffic Signal Coordination	141025.00		\$290,000				\$290,000	
Subtotal Traffic		\$970,000	\$1,223,579	\$820,000	\$848,841	\$820,000	\$4,682,420	
Annual Total GO Bond Projects		\$9,902,500	\$8,712,563	\$8,384,937	\$9,952,500	\$23,742,470	\$60,694,970	
TOTAL GO Bond Projects in CIB			\$27,000,000		\$27,000,000	\$27,000,000		
Total Aggregate Target for CIB			\$27,000,000		\$27,050,000	\$42,079,907		
Difference Target to Subtotal			\$0		\$50,000	\$15,079,907		



		Capital Improvement Budget			Capital Improvement Plan		
	Proposed Number	Proposed 2019	Proposed 2020	Proposed 2021	Proposed 2022	Proposed 2023	5 Year Total
Utility Funded Projects							
Storm Water							
2019 Annual Best Management Practices Development & Construction Program	501044.00	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
2019 Annual Drainage Correction Program	151032.00	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
2019 Annual Levee Asset Repair & Rehabilitation Program	161005.00	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
2019 Annual Stormwater Operations Equipment & Fleet Maintenance & Replacement Program	501040.00	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
2019 Annual Storm Conveyance System	501036.00	\$1,400,000	\$1,400,000	\$1,400,000	\$2,500,000	\$2,800,000	\$9,500,000
In-situ Storm Sewer Repair/rehabilitation: Fairlawn 22nd Park to 28th St. Construction Services	502730.00	\$3,300,000					\$3,300,000
Subtotal Storm Water		\$5,750,000	\$2,450,000	\$2,450,000	\$3,550,000	\$3,850,000	\$18,050,000
Waste Water							
2019 Annual Wastewater Plant Operations Equipment & Fleet Maintenance & Replacement Program	291082.00	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
2019 Annual Inflow & Infiltration Program	291085.00	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Neighborhood Infrastructure	601094.00	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Condition Assessment - WW Treatment Plants	291092.00	\$200,000					\$200,000
Ash Street Force Main Replacement	291057.00	\$4,605,996					\$4,605,996
2019 Annual Sanitary Sewer Interceptor Maintenance & Rehabilitation Program	291078.00	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000
2019 Annual Small Wastewater Pump Station Rehabilitation & Replacement Program	291076.00	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000
2019 Annual Wastewater Lining & Replacement Program	291072.00	\$3,000,000	\$4,000,000	\$5,000,000	\$8,000,000	\$8,000,000	\$28,000,000
Oakland Aerator & Mixing Replacement	291060.00	\$1,237,350					\$1,237,350
Oakland WWTP Solids Handling Upgrades Phase II	291018.02	\$2,664,147					\$2,664,147
2019 Annual WPC Facility Rehabilitation Program	291074.00	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Oakland WWTP Sludge Thickening Process Upgrade	291091.00				\$4,306,000	\$4,306,000	\$8,612,000
Oakland Backup Generators	291090.00			\$5,497,000			\$5,497,000
WPC SCADA System Upgrade	291088.00	\$810,000	\$810,000	\$810,000	\$810,000	\$810,000	\$4,050,000
Combined Sewer Overflow Plan	291046.00	\$675,000	\$675,000	\$675,000			\$2,025,000
Eastside Interceptor Combined Sewer Overflow#3 to Ash Street Pump Station	291050.00	\$7,448,760	\$6,034,895				\$13,483,655
Grant/Jefferson Pump Station Rehabilitation	291061.00	\$9,000,000					\$9,000,000
North Topeka Pump Station Rehabilitation	291087.00			\$2,846,000			\$2,846,000
North Topeka Waste Water Treatment Plant Nutrient Removal	291052.00				\$6,363,627		\$6,363,627
Oakland Wastewater Treatment Plant Ultraviolet Expansion	291062.00	\$2,703,750	\$2,782,612				\$5,486,362
Subtotal Waste Water		\$37,295,003	\$19,252,507	\$19,778,000	\$24,429,627	\$18,066,000	\$118,821,137
Water							
Annual Water Plant Operations Equipment & Fleet Maintenance & Replacement Program	281124.00	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Disinfection Modification Phase I	281037.02				\$8,560,000		\$8,560,000
Disinfection Modification Phase II	281037.03					\$9,705,000	\$9,705,000
Soldier Township Improvements & Optimization	281106.00	\$864,000					\$864,000
Annual Water Main Replacement Program	281112.00	\$3,500,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$19,500,000
Annual Water Treatment Plant Rehabilitation Program	281114.00	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
East Filters Rehabilitation Phase II	281102.01	\$5,185,000					\$5,185,000
Supervisory Control and Data Acquisition (SCADA) Upgrades	281158.00	\$775,000	\$775,000	\$775,000	\$775,000	\$775,000	\$3,875,000
Water Treatment Modification	281160.00	\$2,213,250					\$2,213,250
West Plant Basin Rehabilitation	281164.00			\$15,549,000			\$15,549,000
West Intake Rehabilitation	281165.00		\$4,100,000				\$4,100,000
Chemical Building Rehabilitation	281166.00					\$900,000	\$900,000
Central Zone Improvements & Optimizations	281161.00		\$2,332,000				\$2,332,000
Southeast Zone Improvements & Optimization	281162.00					\$1,548,000	\$1,548,000
West Zone Improvements & Optimization	281163.00					\$2,816,000	\$2,816,000
Utility Billing and Customer Service System	801013.00	\$600,000					\$600,000
Subtotal Water		\$14,537,250	\$12,607,000	\$21,724,000	\$14,735,000	\$21,144,000	\$84,747,250
Total Utility Fund		\$57,582,253	\$34,309,507	\$43,952,000	\$42,714,627	\$43,060,000	\$221,618,387



		Capital Improvement Budget			Capital Improvement Plan		
	Proposed Number	Proposed 2019	Proposed 2020	Proposed 2021	Proposed 2022	Proposed 2023	5 Year Total
Other Funding Sources							
Cash							
City4 Upgrades	861011.00	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
Fire Hydrant Phase 2 (to 6th st.)	301060.00					\$250,000	\$250,000
Fire Station #14	131037.00					\$200,000	\$200,000
Fire Station Yearly Renovation	131052.00	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000
Geocortex Implementation	801017.00		\$59,280			\$100,000	\$159,280
GPS Based Automobile Vehicle Locating System	861015.00	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Rescue Vehicle (1317)	801024.00					\$225,000	\$225,000
Self Contained Breathing Apparatus	801009.00	\$196,183	\$196,183	\$196,183	\$196,183		\$784,732
ADA Assessment of Existing City Facilities	131066.00			\$125,000			\$125,000
Police Department Fleet Replacement	801020.00	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000
Body Worn Camera/Taser Equipment Replacement Plan	801021.00	\$235,225	\$235,225	\$235,225	\$235,225	\$246,985	\$1,187,885
Public Safety/Code Compliance at Municipal Buildings	131051.00	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Metasys Replacement Study: City Hall/Holiday/LEC	F-201709.00					\$40,000	\$40,000
Municipal Buildings Roof Replacement	F-201710.00	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Asset Inventory/ Geospatial Updates	861020.00	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Subtotal Cash		\$2,151,408	\$2,210,688	\$2,276,408	\$2,151,408	\$2,781,985	\$11,571,897
Citywide Sales Tax							
Maintain and Improve Existing Streets - 2019	841017.02	\$8,800,000					\$8,800,000
ADA Sidewalk Ramp Program	241047.00	\$300,000					\$300,000
Sidewalk Repair Program	241048.00	\$100,000					\$100,000
Curbs, Gutters & Street Repairs	841054.00	\$1,500,000					\$1,500,000
Alley Repair Program	841055.00	\$250,000					\$250,000
Street Maint. & Repair: Local Streets	841056.00	\$2,888,000					\$2,888,000
ADA Sidewalk Ramp Program (Renewal)	241049.00		\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000
Curb & Gutter Replacement Program (Renewal)	841057.00		\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000
Pavement Management Rehabilitation & Reconstruction Program (Micropaver) (Renewal)	841060.00		\$11,700,000	\$11,700,000	\$11,700,000	\$11,700,000	\$46,800,000
Sidewalk Repair Program (Renewal)	241050.00		\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
Street Contract Preventative Maintenance Program (Micropaver) (Renewal)	841059.00			\$2,000,000	\$2,000,000	\$1,000,000	\$5,000,000
Alley Repair Program (Renewal)	841058.00		\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
Subtotal Citywide Sales Tax		\$13,838,000	\$13,850,000	\$15,850,000	\$15,850,000	\$14,850,000	\$74,238,000
Countywide Sales Tax							
Pavement Preventative Maintenance Pgrm	601093.00	\$3,330,000	\$3,330,000				\$6,660,000
12th Street (2 lanes) - Gage Boulevard to Kansas Avenue	701016.00	\$450,000	\$650,000	\$4,250,000	\$4,250,000	\$3,780,000	\$13,380,000
SE California Avenue - SE 37th Street to SE 45th Street	701021.00		\$500,000	\$250,000	\$5,250,000		\$6,000,000
SW 17th Street MacVicar to Interstate 470	701025.00	\$100,000		\$850,000	\$500,000	\$4,450,000	\$5,900,000
Zoo - Storm Drainage, Parking, Group Entrance	301056.00	\$250,000					\$250,000
Zoo Master Plan	301047.00	\$250,000		\$2,000,000		\$1,000,000	\$3,250,000
SW 29th Street from Fairlawn thru I470	701033.00	\$1,445,000					\$1,445,000
Bikeways Master Plan	861017.00		\$500,000		\$500,000		\$1,000,000
Huntoon (2 Lanes) Gage to SW Harrison	701028.00					\$100,000	\$100,000
Subtotal Countywide Sales Tax		\$5,825,000	\$4,980,000	\$7,350,000	\$10,500,000	\$9,330,000	\$37,985,000
Donations							
Zoo Master Plan	301047.00	\$1,860,000		\$2,000,000		\$5,000,000	\$8,860,000
Subtotal Donations		\$1,860,000	\$0	\$2,000,000	\$0	\$5,000,000	\$8,860,000
Federal Funds							
Bridge Deck Patching and Polymer Overlay	121006.00			\$1,200,000			\$1,200,000
Bridge on SE 29th Street over Butcher Creek	121005.00	\$70,000				\$850,000	\$920,000
Bridge on SW 3rd St over Ward Cr.	121003.00	\$750,000					\$750,000
SW Wanamaker Road/SW Huntoon Street/I-470 Ramps	701018.00		\$1,100,000	\$1,100,000			\$2,200,000
Neighborhood Infrastructure	601094.00	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Subtotal Federal Funds		\$1,420,000	\$1,700,000	\$2,900,000	\$600,000	\$1,450,000	\$8,070,000
IT Fund							
Computer Upgrade - 2	IS-2018-002	\$44,750	\$44,750	\$44,750			\$134,250
Computer Upgrade - 3	IS-2019-003	\$37,250	\$37,250	\$37,250	\$37,250		\$149,000
Computer Upgrade - 4	IS-2020-007		\$33,250	\$33,250	\$33,250	\$33,250	\$133,000
Data Back-up System Replacement	IS-2017-007	\$62,500	\$62,500				\$125,000
Data Back-up System Replacement - 2	IS-2020-008		\$75,000	\$75,000	\$75,000	\$75,000	\$300,000
Desktop Computer Replacement	IS-2017-005	\$83,250	\$83,250				\$166,500
Fire Department Mobile Data Terminal Upgrade	IS-2020-003		\$31,250	\$31,250	\$31,250	\$31,250	\$125,000
Microsoft Enterprise Agreement	IS-2019-002	\$316,667	\$316,667	\$316,666			\$950,000
Network Switch Upgrade - Phase -1	IS-2019-001	\$125,000	\$125,000	\$125,000	\$125,000		\$500,000
Network Switch Upgrade - Phase -2	IS-2020-001		\$21,878	\$21,878	\$21,878	\$21,878	\$87,512
Police Department Mobile Data Terminal Upgrade Phase-1	IS-2020-004		\$56,250	\$56,250	\$56,250	\$56,250	\$225,000
Police Department Mobile Data Terminal Upgrade Phase-2	IS-2020-005		\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Security Systems Replacement	IS-2017-006	\$52,500	\$52,500				\$105,000
Security Systems Replacement - 2	IS-2020-002		\$65,000	\$65,000	\$65,000	\$65,000	\$260,000
Storage Area Network Upgrade	IS-2020-006		\$162,500	\$162,500	\$162,500	\$162,500	\$650,000
Microsoft Azure	IS-2018-001	\$150,000					\$150,000
Subtotal IT Fund		\$871,917	\$1,192,045	\$993,794	\$632,378	\$470,128	\$4,160,262
Parking Fund							
Parking Garage Systems (Hardware and Software Upgrade)	131055.00	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000
512 Jackson Elevator Upgrade	131053.00	\$105,881	\$105,881				\$211,762
9th Street Garage Elevator Upgrade	131054.00	\$123,528					\$123,528
Parking Facility Capital Repairs	131062.00	\$383,000	\$383,000	\$383,000	\$383,000	\$383,000	\$1,915,000
Subtotal Parking Fund		\$677,409	\$553,881	\$448,000	\$448,000	\$448,000	\$2,575,290
Total Other Sources		\$26,643,734	\$24,486,614	\$31,818,202	\$30,181,786	\$34,330,113	\$147,460,449
Total Capital Improvements:		\$94,128,487	\$67,508,684	\$84,155,139	\$82,848,913	\$101,132,583	\$429,773,806

2024-2028 PROJECTS



In addition to the 3 year Capital Improvement Budget, the 2019-2028 CIP includes 10 years of projects. The first 5 years of projects are detailed with specific project sheets as in prior years, but years 6-10 (2024-2028) are included in a summarized list, similar to the Future Funding list.

Project Title	Department	Estimated Year	Estimated Cost	Estimated Funding Source (if known)
Apparatus - Truck (1440)	FIRE DEPARTMENT	2024	\$906,250	G.O. Bonds
Apparatus - Truck (1441)	FIRE DEPARTMENT	2024	\$906,250	G.O. Bonds
Fire Hydrant Phase 2 (to 6th st.)	TOPEKA ZOOLOGICAL PARK	2024	\$250,000	G.O. Bonds
Law Enforcement Center Parking Garage/Secure	POLICE DEPARTMENT	2024	\$4,500,000	G.O. Bonds
Replacement of Medians	PUBLIC WORKS	2024	\$300,000	G.O. Bonds
S. Topeka Blvd from 21st Street to 29th Street	PUBLIC WORKS	2024	\$1,580,000	G.O. Bonds
SE Quincy Street from 8th Street to 10th Street	PUBLIC WORKS	2024	\$910,000	G.O. Bonds and Citywide 1/2 cent sales tax
Secure Staging Facility	FIRE DEPARTMENT	2024	\$750,000	G.O. Bonds
SW Gage Blvd. from I-70 to 6th Street	PUBLIC WORKS	2024	\$2,075,000	G.O. Bonds and State/Federal Funds
TPD Firearm Range Overhead Roof + Baffle System	POLICE DEPARTMENT	2024	\$966,297	G.O. Bonds
East Plant Basin Rehabilitation	UTILITIES	2024	\$4,965,000	Revenue Bonds
Building Automations System Replacement	PUBLIC WORKS	2024	\$500,000	Cash
Apparatus - Engine (1435)	FIRE DEPARTMENT	2025	\$933,500	G.O. Bonds
Apparatus - Engine (1445)	FIRE DEPARTMENT	2025	\$933,500	G.O. Bonds
Zoo Service Road Repair	TOPEKA ZOOLOGICAL PARK	2025	\$227,913	G.O. Bonds
Apparatus - Engine (1443)	FIRE DEPARTMENT	2026	\$961,500	G.O. Bonds
Zoo Rain Forest HVAC	TOPEKA ZOOLOGICAL PARK	2026	\$423,430	G.O. Bonds
Apparatus - Engine (1444)	FIRE DEPARTMENT	2026	\$961,500	G.O. Bonds
West Filter Rehabilitation	UTILITIES	2026	\$2,816,000	Revenue Bonds
Public Works' Facilities Improvement	PUBLIC WORKS	2026	\$1,600,000	GO Bond
Apparatus - Engine (1446)	FIRE DEPARTMENT	2027	\$990,250	G.O. Bonds
Apparatus - Engine (1447)	FIRE DEPARTMENT	2027	\$990,250	G.O. Bonds
Water Distribution Master Plan Update	UTILITIES	2027	\$100,000	Water Operating Funds
Water Treatment Plant Master Plan Update	UTILITIES	2027	\$125,000	Water Operating Funds
Zoo Discovering Apes BuildingRoof Replacement	TOPEKA ZOOLOGICAL PARK	2028	\$200,599	G.O. Bonds
Apparatus - Truck (TBD1)	FIRE DEPARTMENT	2028	\$1,020,000	G.O. Bonds
Apparatus - Truck (TBD2)	FIRE DEPARTMENT	2028	\$1,020,000	G.O. Bonds
Zoo Pre-fab Restroom Replacement	TOPEKA ZOOLOGICAL PARK	2024-2024	\$140,700	G.O. Bonds
Public Works Facility Location Assessment	PUBLIC WORKS	2024-2024	\$380,000	G.O. Bonds
NW Tyler Street, NW Beverly Street to NW Paramore	PUBLIC WORKS	2024-2025	\$1,450,000	G.O. Bonds and Citywide 1/2 cent sales tax
S. Kansas Avenue from 10th Street to 17th Street	PUBLIC WORKS	2024-2025	\$2,000,000	G.O. Bonds and Citywide 1/2 cent sales tax
SW 29th Street from Topeka Blvd to Burlingame	PUBLIC WORKS	2024-2025	\$1,000,000	Citywide 1/2 cent sales tax
SW Huntoon Street, SW Executive Drive to SW Urish Road	PUBLIC WORKS	2024-2025	\$3,650,000	G.O. Bonds
SW Urish Road, SW 21st Street to SW 29th Street	PUBLIC WORKS	2024-2025	\$4,950,000	G.O. Bonds

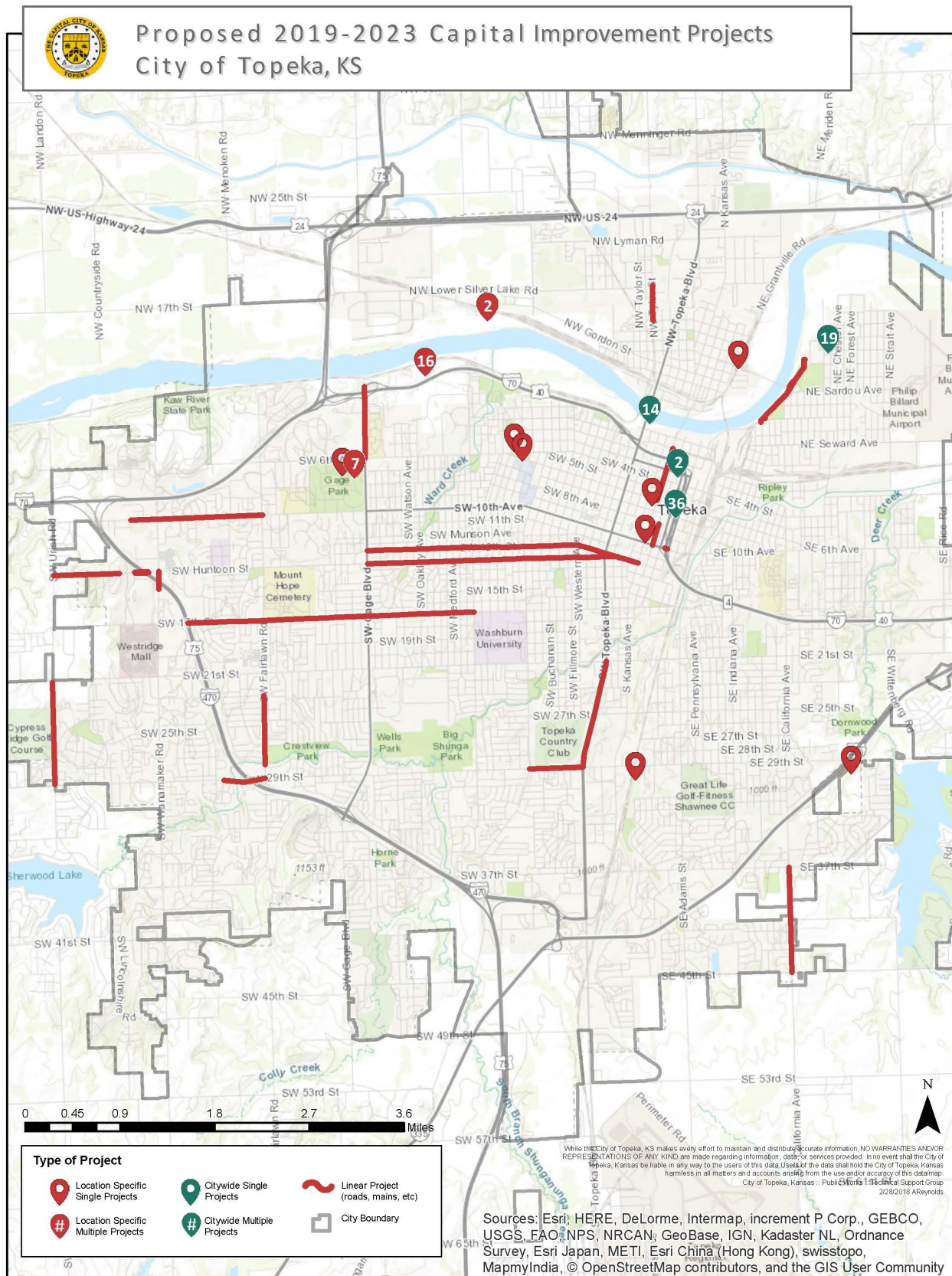


Project Title	Department	Estimated Year	Estimated Cost	Estimated Funding Source (if known)
East Intake Rehabilitation	UTILITIES	2024-2025	\$3,000,000	Revenue Bonds
S. Topeka Blvd from 29th Street to 37th Street	PUBLIC WORKS	2024-2026	\$2,500,000	G.O. Bonds
SE 29th Street from Kansas Avenue to Adams Street	PUBLIC WORKS	2024-2026	\$2,500,000	G.O. Bonds
SW Fairlawn Road from 23rd Street to 29th Street	PUBLIC WORKS	2024-2026	\$3,000,000	G.O. Bonds and/or sales tax funding dependent.
Bikeways Master Plan	PUBLIC WORKS	2024-2026	\$1,000,000	Countywide 1/2 cent sales tax
Huntoon (2 Lanes) Gage to SW Harrison	PUBLIC WORKS	2024-2027	\$11,640,000	Countywide 1/2 cent sales tax
South Kansas Avenue (1st Street - 6th Street)	PUBLIC WORKS	2024-2027	\$7,150,000	G.O. Bonds and Citywide 1/2 cent sales tax
SW 17th Street MacVicar to Interstate 470	PUBLIC WORKS	2024-2027	\$8,850,000	Countywide 1/2 Cent sales tax
City4 Upgrades	CITY MANAGER	2024-2028	\$350,000	Operating Cash
Fire Station Yearly Renovation	PUBLIC WORKS	2024-2028	\$2,000,000	Cash
Body Worn Camera/Taser Equipment Replacement Plan	POLICE DEPARTMENT	2024-2028	\$1,247,274	Cash
ADA Sidewalk Ramp Program	PUBLIC WORKS	2024-2028	\$1,500,000	Renewal of the Citywide 1/2 cent sales tax
Curb & Gutter Replacement Program	PUBLIC WORKS	2024-2028	\$7,500,000	Renewal of the Citywide 1/2 cent sales tax
Pavement Management Rehabilitation & Reconstruction Program (Micropaver)	PUBLIC WORKS	2024-2028	\$58,500,000	Citywide 1/2 cent sales tax
Sidewalk Repair Program	PUBLIC WORKS	2024-2028	\$500,000	Renewal of Citywide 1/2 cent sales tax
Street Contract Preventative Maintenance Program (Micropaver)	PUBLIC WORKS	2024-2028	\$5,000,000	Citywide 1/2 cent sales tax
Annual Water Main Replacement Program	UTILITIES	2024-2028	\$32,000,000	Revenue Bonds
Annual Water Treatment Plant Rehabilitation	UTILITIES	2024-2028	\$5,000,000	Revenue Bonds
2019 Annual Best Management Practices	UTILITIES	2024-2028	\$1,250,000	Storm Water Operating Fund
2019 Annual Drainage Correction Program	UTILITIES	2024-2028	\$1,500,000	Storm Water Operating Fund
2019 Annual Levee Asset Repair & Rehabilitation Program	UTILITIES	2024-2028	\$1,250,000	Storm Water Operating Fund
Surface Lot Resurfacing	PUBLIC WORKS	2024-2028	\$1,000,000	Parking Fund
Parking Garage Deck Resurfacing	PUBLIC WORKS	2024-2028	\$2,000,000	Parking Fund
2019 Annual Sanitary Sewer Interceptor Maintenance & Rehabilitation Program	UTILITIES	2024-2028	\$7,500,000	Revenue Bonds
2019 Annual Small Wastewater Pump Station	UTILITIES	2024-2028	\$7,500,000	Revenue Bonds
2019 Annual Storm Conveyance System	UTILITIES	2024-2028	\$25,000,000	Storm Water Operating Fund
Fleet Replacement Program	PUBLIC WORKS	2024-2028	\$22,500,000	Fleet Replacement Fund
2019 Annual Stormwater Operations Equipment & Fleet Maintenance & Replacement Program	UTILITIES	2024-2028	\$1,500,000	Storm Water Operating Fund
2019 Annual Wastewater Lining & Replacement	UTILITIES	2024-2028	\$49,000,000	Revenue Bonds
Traffic Signal Replacement Program	PUBLIC WORKS	2024-2028	\$4,692,500	G.O. Bond
Infill Sidewalk/Pedestrian Master Plan	PUBLIC WORKS	2024-2028	\$3,000,000	G.O. Bond
2019 Annual Wastewater Plant Operations Equipment & Fleet Maintenance & Replacement	UTILITIES	2024-2028	\$1,500,000	Revenue Bonds
2019 Annual WPC Facility Rehabilitation Program	UTILITIES	2024-2028	\$5,000,000	Revenue Bonds
2019 Annual Inflow & Infiltration Program	UTILITIES	2024-2028	\$2,500,000	Revenue Bonds
Neighborhood Infrastructure	PUBLIC WORKS	2024-2028	\$12,250,000	G.O. Bond
Traffic Safety Projects	PUBLIC WORKS	2024-2028	\$1,100,000	G.O. Bond
Complete Street Projects	PUBLIC WORKS	2024-2028	\$500,000	G.O. Bond
Citywide Infrastructure	PUBLIC WORKS	2024-2028	\$1,000,000	G.O. Bond
Alley Repair Program	PUBLIC WORKS	2024-2028	\$1,250,000	Renewal of Citywide 1/2 cent sales tax
Police Department Fleet Replacement	POLICE DEPARTMENT	2024-2028	\$3,250,000	Operating Cash
Annual Water Plant Operations Equipment & Fleet	UTILITIES	2024-2028	\$2,000,000	Revenue Bonds
Public Safety Code Compliance at Municipal	PUBLIC WORKS	2024-2028	\$520,000	Cash
S. Kansas Avenue from 17th Street to 19th Street	PUBLIC WORKS	2025-2026	\$1,500,000	G.O. Bond and Citywide 1/2 cent sales tax.
Union Pacific Railroad Pedestrian Crossing N. KS Ave./NOTO	PUBLIC WORKS	2025-2026	\$1,300,000	G.O. Bonds and/or sales tax funding dependent
SW 21st Street from I-470 Bridges To Fairlawn Road	PUBLIC WORKS	2025-2027	\$2,300,000	G.O. Bond and/or sales tax funding dependent.
SE Adams from 37th to 45th.	PUBLIC WORKS	2025-2027	\$5,300,000	G.O. Bonds and/or sales tax funding dependent
SW 6th Avenue from Wanamaker Road west to	PUBLIC WORKS	2026-2027	\$1,500,000	G.O. Bonds and/or sales tax funding dependent
S. Topeka Blvd from 15th Street to 21st Street	PUBLIC WORKS	2026-2028	\$4,900,000	Countywide 1/2 cent sales tax
S. Topeka Blvd. from 37th Street to 49th Street	PUBLIC WORKS	2026-2028	\$5,500,000	G.O Bonds
Zoo Pond Dredging	TOPEKA ZOOLOGICAL PARK	2027-2027	\$249,900	G.O. Bonds
SW 29th Street from Fairlawn Road to Wanamaker Road	PUBLIC WORKS	2027-2029	\$5,100,000	Countywide 1/2 cent sales tax
SW 37th Street - Scapa Place to Burlingame Road	PUBLIC WORKS	2027-2029	\$3,700,000	Countywide 1/2 cent sales tax - \$200,000 in 2027
5 Year Total			\$388,632,613	

MAP OF PROJECTS



Capital Improvement Plan projects occur throughout the City. Below is a map showing where the 2019-2023 projects will occur. Note that Citywide projects, like half-cent sales tax projects, will occur in multiple locations but are represented by a single green point.



DEBT SERVICE OBLIGATIONS



Debt Summary

The City of Topeka debt management policy is to maintain the City's ability to incur present and future debt at the most beneficial rates in amounts needed for financing the adopted Capital Improvement Plan without adversely affecting the City's ability to finance essential services.

Review and analysis of the City's debt position is required to provide a capital financing plan for infrastructure and other improvements. Long-term projected financing is linked with economic development, demographic and financial resources expected to be available to repay debt. City debt ratios are examined as well as the impact of future debt financing on those ratios.

Funding sources for debt payments include property taxes, sales taxes, special assessments, fees for services and water, wastewater, and stormwater fees.

Debt Policy

On October 4, 2016, the governing body of Topeka approved resolution number 8818 (replacing 7554) that established debt management policy. The policy set forth guiding principles for debt issuance in the following areas:

- 1) Definition of a capital project
- 2) Benchmarks desired to achieve
- 3) Characteristics of debt issuance
- 4) Debt administration and financing

This policy was updated to enhance the creditworthiness and prudent financial management of the City's resources and assist in creating a systematic capital plan. This policy is located in the policies section of the budget book for more detailed information.

Several benchmarks are included in the City's debt policy that serve as a guidance for staff on debt issuance.

The policy requires the City maintain a bond credit rating of:

- General Obligation Bonds rated not less than the third highest rating by at least one Nationally Recognized Statistical Rating Organization (NRSRO)
- Revenue Bonds rated not less than the fourth highest rating by at least one Nationally Recognized Statistical Rating Organization (NRSRO)
- General Obligation Temporary Notes rated not less than the highest category by at least one Nationally Recognized Statistical Rating Organization (NRSRO)

Current bond ratings can be found at Topeka.org.

DEBT SERVICE OBLIGATIONS



Debt Capacity

Finance staff oversee all debt issued by the City, which includes General Obligation (GO), revenue backed, revolving loan funds, temporary notes and special assessment debt. As of December 31, 2017 the City had \$408,816,608 in total debt, compared to \$393,764,050 on December 31, 2016 or a 3.82% increase. According to K.S.A. 10-308, the City is limited to general obligation debt that cannot be greater than 30% of the tangible assessed valuation of the City. Certain debt is then not subject to the debt limitation and is subsequently backed out of the calculation. As of August 2017, the City had \$271,506,595 of its remaining bonding authority available, a decrease of approximately 4% over the December 31, 2016 amount of \$282,393,040. The City is currently utilizing 23% of the debt authority as authorized by State statute.

Statement of Legal Debt Limit as of August 2017

Tangible Assessed Valuation	\$ 1,176,221,783
Legal Debt Limit 30.00% of assessed valuation. KSA 10-308	\$ 352,866,535
Less: Outstanding debt subject to debt limit	\$ 81,359,940
Margin of legal debt	\$ 271,506,595

DEBT SERVICE OBLIGATIONS



Projected General Obligation Debt

The level of City GO at-large debt will decrease in the duration of the CIP. City debt levels will continue to decrease over time.

At the end of the current planning period, GO debt is projected to decrease to \$161,462,816 in 2023 from a projected \$182,507,250 in 2019. This represents a 13% decrease from the 2019 projected levels to the 2023 projected levels. Current outstanding bonds are projected to decrease from \$144,450,989 in 2017 to \$76,520,929 in 2029. Projected new general obligation debt is expected to increase to \$83,888,408 in 2023.

The City of Topeka in 2015 shifted from a 20 year debt cycle, down to a 15 year cycle. This downward trend will continue to assist the City in paying down debt at a faster pace than before.

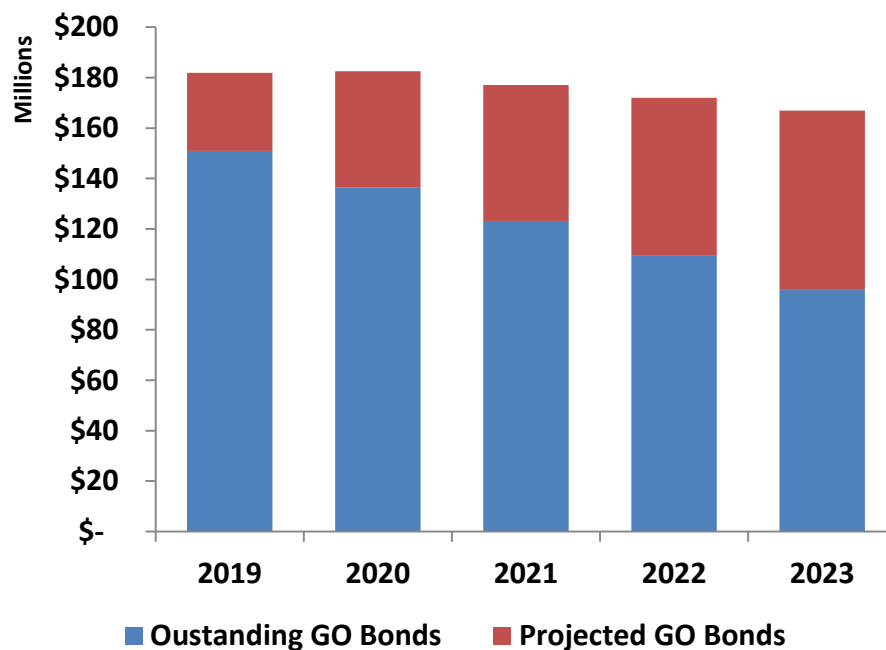
In addition, the City Council has implemented a policy practice to assist in decreasing the amount of debt by limiting the amount of debt in the planning period to approximately \$9 million. This policy has decreased the amount of debt outstanding for the City over the planning period.

The debt service fund is projected to maintain a flat mill levy over the planning period. In addition it is projected to maintain at least a 15% fund balance in case of any emergencies to have a sufficient reserve balance.

Projected GO Debt Issuance		
Year	Amount	Total Outstanding Debt
2019	15,678,761	182,507,520
2020	8,712,563	177,066,283
2021	8,384,937	171,997,527
2022	9,952,500	166,972,058
2023	9,000,000	161,462,816

Projected Revenue Bond Debt Issuance	
Year	Amount
2019	67,106,914
2020	52,307,253
2021	28,734,507
2022	37,177,000
2023	36,814,627

General Obligation Bonds Outstanding & Projected



OTHER FUND FORECASTS



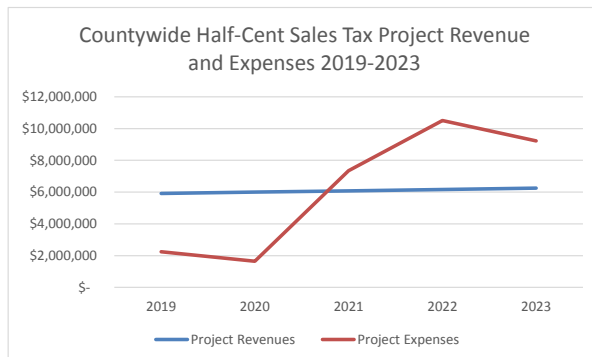
Other Fund Impacts

In addition to the Debt Service and Utility Funds, several other funds are impacted by the adoption of the Capital Improvement Plan.

Countywide Half Cent Sales Tax Fund

This fund tracks the Countywide Half Cent Sales Tax being received from the state and transferred over to the Joint Economic Development Organization (JEDO) for the funding for economic development and countrywide infrastructure development as authorized by voters in August 2004, and renewed in November 2014. It is governed by interlocal agreements.

The Countywide Half Cent Sales Tax was extended through 2031, at which point voters will decide whether or not to continue the special sales tax. Money will be expended until projects are complete and the fund is depleted.

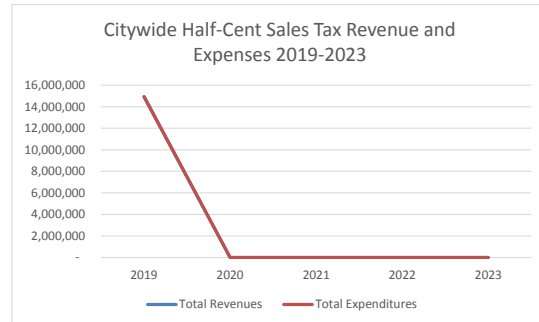


Citywide Half Cent Sales Tax Fund

The City levies a half cent sales tax for street, curb, gutter, sidewalk replacement. The fund receives the sales tax and monitors the expenses for the repair projects. Specific programs in this fund include: Street Projects, Alley Projects, Sidewalk Projects, 50/50 Sidewalk Projects, and Curb and Gutter Projects.

This sales tax will continue to collect until 2019, and revenues are projected to grow 1% per year. Revenues are heavily contingent on the economy and spending patterns. The majority of this fund's expenditures support projects in the Capital

Improvement Plan, as well as some staff support costs. The high fund balance accumulated at the end of 2014 allowed the City to increase spending in 2016 to create a one-time influx of money to improve neighborhood streets. The remaining cash balance is spent in year 2019 as the tax ends in 2019.



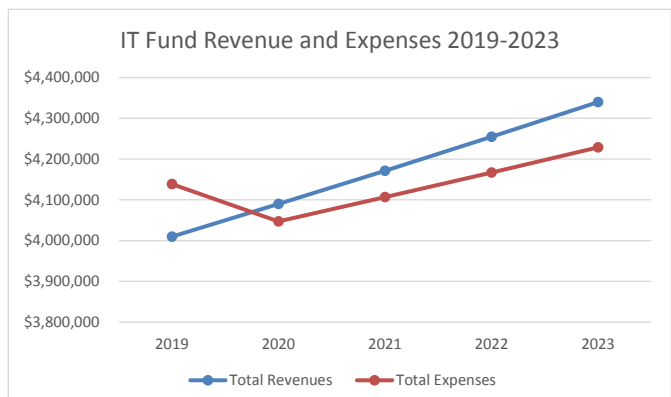
Note: Total Revenues are not shown graphically, as the Total Revenues nearly match expenditures. This graph assumes no renewal.

Information Technology Fund

The technology needs of the City are funded through this internal service fund, supported by fees from Departments. Programs included in this fund are Telecom, Computing and Business Systems, and 14 employees are budgeted in this fund.

Revenues are generated from Departments based on anticipated technological needs. Expenditures vary year to year: Some purchases are annual and others are infrequent, one-time technology purchases. IT projects are included starting with the 2017 CIP; it is important that future CIP's continue to capture capital projects in this fund as technology is constantly changing and capital needs will need to be revised regularly.

The cash balance is utilized for several of the CIP projects causing the large cash reserves to draw down as desired.



OTHER FUND FORECASTS



Debt Service Fund

The major source of revenue in the Debt Service fund is property tax. Additionally the fund receives revenues for special purposes such as sales tax generated for Heartland Park and special assessments. The majority of expenses in the Debt Service fund are for principle and interest payments which are based on a pay schedule. For most GO debt, the City has transitioned from a 20-year payback schedule to 15-year payback schedule.

The adoption of this CIP would maintain a constant mill levy, while also building flexibility to spend cash on several projects rather than financing.

Debt Service Fund Pro Forma

	2018 Adopted	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast
Cash Balance January 1	\$ 6,522,401	\$ 6,549,626	\$ 6,557,290	\$ 7,516,332	\$ 8,277,988	\$ 9,116,830
Budgeted Revenues:						
Ad Valorem Taxes	\$ 15,441,344	\$ 15,592,757	\$ 15,745,685	\$ 15,900,142	\$ 16,056,143	\$ 16,213,704
Sales Tax	\$ 81,495	\$ 130,000	\$ 150,000	\$ 170,000	\$ 190,000	\$ 210,000
Transient Guest Tax	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Motor Vehicle	\$ 1,291,385	\$ 1,304,299	\$ 1,317,342	\$ 1,330,515	\$ 1,343,820	\$ 1,357,259
Licenses & Permits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Intergovernmental	\$ 210,792	\$ 240,000	\$ 270,000	\$ 270,000	\$ 270,000	\$ 270,000
Special Assessments	\$ 3,235,437	\$ 3,182,406	\$ 3,182,406	\$ 3,141,881	\$ 3,141,881	\$ 3,141,881
Miscellaneous	\$ 988,788	\$ 744,318	\$ 749,946	\$ 755,673	\$ 761,502	\$ 767,434
PILOTS	\$ 40,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Total Budgeted Revenues	\$ 21,289,241	\$ 21,198,781	\$ 21,420,379	\$ 21,573,211	\$ 21,768,347	\$ 21,965,278
Budgeted Expenditures						
Contractual	\$ 45,000	\$ 590,909	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000
Commodities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Payments	\$ 20,917,016	\$ 20,150,208	\$ 19,707,056	\$ 20,191,556	\$ 20,434,504	\$ 21,113,742
Capital Outlay (Transfer)	\$ 300,000	\$ 450,000	\$ 709,280	\$ 575,000	\$ 450,000	\$ 1,000,000
Total Expenditures	\$ 21,262,016	\$ 21,191,117	\$ 20,461,336	\$ 20,811,556	\$ 20,929,504	\$ 22,158,742
Over/Under	\$ 27,225	\$ 7,664	\$ 959,042	\$ 761,655	\$ 838,843	\$ (193,464)
Cash Balance - December 31	\$ 6,549,626	\$ 6,557,290	\$ 7,516,332	\$ 8,277,988	\$ 9,116,830	\$ 8,923,366
Fund Balance	30.76%	30.93%	35.09%	38.37%	41.88%	40.62%

Future Funding List

In addition to the funded projects in the debt service fund and other funds, there is also a list of future funding projects on pages 178-179. These projects are intended to be initiated when funding becomes available, but are not currently included in the individual fund forecasts. The total estimated costs for the unfunded streets projects is \$36,800,000

OTHER FUND FORECASTS



The Combined Utility Pro Formal below assumes a continuous 6%-5%-5% rate increase as shown in the "Budgeted Revenues" row below. As has been mentioned, in order to improve debt coverage ratios and days cash, revenues must increase or expenditures must decrease.

Combined Utilities Pro Forma				
	2019	2020	2021	2022
Cash Balance January 1	\$ 29,115,637	\$ 32,509,878	\$ 33,689,780	\$ 34,571,233
Budgeted Revenues:	5.0%	5.0%	6.0%	5.0%
Intergovernmental	\$ -	\$ -	\$ -	\$ -
Permits	\$ 126,000	\$ 126,000	\$ 126,000	\$ 126,000
Fees for Service	\$ 72,760,692	\$ 75,884,023	\$ 79,895,570	\$ 83,326,043
Service Assessment	\$ -	\$ -	\$ -	\$ -
Interest	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000
Surcharges	\$ 354,101	\$ 371,806	\$ 394,114	\$ 413,820
Miscellaneous	\$ 660,000	\$ 660,000	\$ 660,000	\$ 660,000
Other	\$ 63,000	\$ 63,000	\$ 63,000	\$ 63,000
	\$ -	\$ -	\$ -	\$ -
Total Budgeted Revenues	\$ 74,443,793	\$ 77,584,829	\$ 81,618,684	\$ 85,068,864
Budgeted Expenditures	1.5%	1.5%	1.5%	1.5%
Personnel	\$ 15,496,284	\$ 15,728,728	\$ 15,964,659	\$ 16,204,129
Contractual	\$ 22,597,707	\$ 22,936,673	\$ 23,280,723	\$ 23,629,934
Commodities	\$ 8,378,329	\$ 8,504,004	\$ 8,631,564	\$ 8,761,037
Other Payments	\$ 21,227,232	\$ 24,985,522	\$ 28,110,286	\$ 30,030,181
Capital Outlay	\$ 3,350,000	\$ 4,250,000	\$ 4,750,000	\$ 5,950,000
Total Expenditures	\$ 71,049,552	\$ 76,404,927	\$ 80,737,231	\$ 84,575,280
Over/Under	\$ 3,394,241	\$ 1,179,902	\$ 881,453	\$ 493,583
Cash Balance - December 31	\$ 32,509,878	\$ 33,689,780	\$ 34,571,233	\$ 35,064,817
Fund Balance	43.67%	43.42%	42.36%	41.22%

Future Funding List

In addition to the funded projects in utilities, there is also a list of future funding projects on pages 178-179. These projects are intended to be initiated when funding becomes available, but are not currently included in the pro forma. The total estimated costs for the unfunded utility projects is \$235,136,900



Combined Utility Funds

For the purposes of revenue bonds and bond ratings, the Water, Stormwater and Wastewater Funds are combined into a Combined Utility Fund. However it's important to understand each fund separately.

Water Fund: The Water Utility supplies drinking water to Topeka, Shawnee County and surrounding counties. The Utility is operated, maintained, and improved entirely by fees for services.

Revenues in the water fund are dependent on both usage and rates. Usage varies year to year based on customer needs and weather, and rates are set by the Governing Body. The Governing Body has approved the following rate increases: 2018—6%, 2019—5%, 2020—5%.

Stormwater Fund: The Stormwater Utility serves approximately 47,000 customers through the operation and maintenance of the Topeka flood protection and drainage systems. The Utility is operated, maintained, and improved entirely by user fees.

Revenues in the Stormwater fund are generated by fees, which are based on the amount of impervious area a property contains. The Stormwater fund supports both personnel to complete projects in-house and contractual services for projects. Revenues and Expenditures are projected to remain relatively steady. The Governing Body has approved the following rate increases: 2018—6%, 2019—5%, 2020—5%.

Wastewater Fund: Wastewater Utility collects and treats approximately 18 million gallons of wastewater per day from the City of Topeka and Shawnee County. The Utility is operated, maintained, and improved entirely by fees for service.

Revenues in the wastewater fund are dependent on both usage and rates. Usage varies year to year based on customer demand and rates are set by the Governing Body. In 2015 the city incorporated budget increases for the first time since 2011. The Governing Body has approved the following rate increases: 2018—6%, 2019—5%, 2020—5%.

Financial Analysis

From a bond rating perspective, Days Cash and Debt Service Coverage are important indicators. Days Cash represents how many days the utility could operate with its cash balance, and coverage ratio is the ratio of cash available for debt servicing to interest, principal, and lease payments.

The proposed 2019-2028 CIP would result in the following days cash and debt service coverage ratios. While all years meet minimum standards, it is not a best practice to decrease either indicator.

Projected Revenue Bonds		
Year	Days Cash	Debt Service Ratio
2019	225	2.01
2020	218	1.70
2021	213	1.62
2022	209	1.61
2023	209	1.58



General Obligation Bond Projects



Version: 2019 Budget

Project Title: **City Hall Renovations**

Project Year(s): **2018 to 2022**

Dept/Div: **1013070 - FACILITIES OPERATIONS**

Type: **Repair/Replace**

Project Location: **City Hall**

Category: **Facilities**

Contact Phone: **368-3842**

Contact Name: **Mark Schreiner**

Alternate Phone:

Previous Funding: **\$1,350,000**

Total Funding: **\$8,200,000**

Future Funding: **\$0**

Project # : **131036.00**

Current Status : **Board**

Project Description :
Upon completion of an initial facilities assessment, it was determined that extensive renovations were needed to address age/condition, functionality, capacity, code compliance, performance and availability of parts. In addition to deficient MEP (mechanical, electrical, and plumbing), asbestos abatement will likely be necessary during replacement. To replace these systems, extensive work throughout the 45,647sf of building interiors will be required. This work is necessary to access and replace duct work, plumbing, electrical and other MEP systems that are within existing walls. The project scope includes renovation of building interiors for the needed MEP repair work. Work will take into account the historical nature of the building and future needs. As city hall is located within a historic district, parts of the project could be eligible to receive State Historic Tax Credits upon completion. Firm was selected in late 2017 for the work with project planned for completion within 3 to 5 years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$250,000	\$350,000	\$0	\$0	\$0	\$600,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,477,000	\$1,650,000	\$1,203,000	\$1,200,000	\$0	\$5,530,000
Contingency	\$0	\$0	\$447,000	\$0	\$0	\$447,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$117,000	\$0	\$0	\$0	\$0	\$117,000
Cost of Issuance (Rev/GO Bonds)	\$156,000	\$0	\$0	\$0	\$0	\$156,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,000,000	\$2,000,000	\$1,650,000	\$1,200,000	\$0	\$6,850,000

Estimated Life of Item (years):

50

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Decrease due to updated equipment.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$2,000,000	\$2,000,000	\$1,650,000	\$1,200,000	\$0	\$6,850,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,000,000	\$2,000,000	\$1,650,000	\$1,200,000	\$0	\$6,850,000



Version: **2019 Budget**

Project Title: **Infill Sidewalk/Pedestrian Master Plan**

Project Year(s): **2019 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **New and Repair/Replace**

Project Location: **Various locations**

Category: **Neighborhoods**

Contact Phone: **785-368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$6,000,000**

Future Funding: **\$3,000,000**

Project # : **241046.00**

Current Status : **Board**

Project Description :
This project constructs new and provides restoration of sidewalks to provide continuous pedestrian access as identified in the Pedestrian Master Plan or through requests from the public. The project will improve connectivity by extending the network of pedestrian routes in the community and adding to the City's multi-modal transportation system. Priority areas will focus on those areas identified in the Pedestrian Master Plan.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$534,000	\$534,000	\$534,000	\$534,000	\$534,000	\$2,670,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000	\$45,000
Financing Costs (Temp Notes)	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$60,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000

Estimated Life of Item (years):

Year of Estimate:

Source of Estimate:

Estimated Annual operating Cost :
Operating costs will be minimal.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000



This project sheet is located in multiple sections due to multiple funding sources.

Version: **2019 Budget**

Project Title: **Neighborhood Infrastructure**

Project Year(s): **2019 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Neighborhoods**

Contact Phone: **368-3842 & 368-4484**

Contact Name: **Brian Faust/Sasha Haehn**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$24,200,000**

Future Funding: **\$12,250,000**

Project # : **601094.00**

Current Status : **Board**

Project Description :

This project is a component of the Stages of Resource Targeting program (SORT). The City generally targets a majority of Neighborhood Relation's resources in two redevelopment areas or neighborhoods per year. The neighborhood infrastructure piece includes improvements such as rebuilding deteriorated streets, curb/gutters, alleys and sidewalks. These funds are leveraged with the Community Development Block Grant (CDBG) and HOME Investment Partnerships (HOME) funds utilized for housing rehabilitation and construction. The 2017-2019 SORT neighborhoods are Quinton Heights Steele and Tennessee Town.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,910,000	\$2,210,000	\$2,210,000	\$2,210,000	\$2,210,000	\$10,750,000
Contingency	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Cost of Issuance (Rev/GO Bonds)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,150,000	\$2,450,000	\$2,450,000	\$2,450,000	\$2,450,000	\$11,950,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

The funding for street repair work is primarily Motor Fuel Tax. This project should reduce operating costs by improving deteriorated infrastructure elements.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$1,400,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$8,200,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,150,000	\$2,450,000	\$2,450,000	\$2,450,000	\$2,450,000	\$11,950,000



Version: **2019 Budget**

Project Title: **Apparatus - Aerial (1501)**

Project Year(s): **2023 to 2023**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **New**

Project Location: **Station 5**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,665,000**

Future Funding: **\$0**

Project # : **801023.00**

Current Status : **Board**

Project Description :
Replacement of Aerial Fire Engine currently at Station 5. It is the department's recommendation to place each front line vehicle into the reserve pool after ten years of service, and replace reserve pool vehicles after fifteen years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$1,612,000	\$1,612,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$23,000	\$23,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$1,665,000	\$1,665,000

Estimated Life of Item (years):
15

Year of Estimate:
2017

Source of Estimate:
Current Price plus a 3% per year cost increase

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$1,665,000	\$1,665,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$1,665,000	\$1,665,000



Version: **2019 Budget**

Project Title: **Apparatus - Engine (1437)**

Project Year(s): **2022 to 2022**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **Repair/Replace**

Project Location: **Station 9**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$1,345,500**

Total Funding: **\$2,195,500**

Future Funding: **\$0**

Project # : **801004.00**

Current Status : **Board**

Project Description :
Replacement of Fire Engine currently at Station 9. It is the department's recommendation to place each front line vehicle into the reserve pool after ten years of service, and replace reserve pool vehicles after fifteen years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$825,000	\$0	\$825,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$11,000	\$0	\$11,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$14,000	\$0	\$14,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$850,000	\$0	\$850,000

Estimated Life of Item (years):
15

Year of Estimate:
2017

Source of Estimate:
Current rate plus 3% per year cost increase

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$850,000	\$0	\$850,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$850,000	\$0	\$850,000



Version: **2019 Budget**

Project Title: **Fire Portable Radios**

Project Year(s): **2022 to 2022**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **Repair/Replace**

Project Location: **All stations**

Category: **Public Safety**

Contact Phone: **368-4401**

Contact Name: **Craig Duke**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$693,450**

Future Funding: **\$0**

Project # : **801015.00**

Current Status : **Board**

Project Description :
The department's portable radios will need to be replaced as they will be 10 years old.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$670,000	\$0	\$670,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$10,050	\$0	\$10,050
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$13,400	\$0	\$13,400
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$693,450	\$0	\$693,450

Estimated Life of Item (years):
10

Year of Estimate:
2016

Source of Estimate:
Staff

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$693,450	\$0	\$693,450
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$693,450	\$0	\$693,450



This project sheet is located in multiple sections due to multiple funding sources.

Version: **2019 Budget**

Project Title: **Fire Station #14**

Project Year(s): **2023 to 2023**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **New**

Project Location: **South Topeka Location**

Category: **Public Safety**

Contact Phone: **368-4401**

Contact Name: **Craig Duke**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$5,976,261**

Future Funding: **\$0**

Project # : **131037.00**

Current Status : **Board**

Project Description :

This project consists of the design and construction of a new fully furnished high efficiency Fire Station (#14) and four (4) door Apparatus Bay to be located at a south Topeka location. This facility will be designed and constructed under high-efficiency design guidelines to provide an approximate 5,800 square foot station with an approximate 6,800 square foot drive through Apparatus Bay. Site improvements include rock excavation, utilities, street and drainage improvements, and warning signals.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$428,094	\$428,094
Right of Way	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000
Construction/Service Fees	\$0	\$0	\$0	\$0	\$4,076,570	\$4,076,570
Contingency	\$0	\$0	\$0	\$0	\$366,597	\$366,597
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$105,000	\$105,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$5,976,261	\$5,976,261

Estimated Life of Item (years):

30-50

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

General maintenance and utilities.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$200,000	\$200,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$5,776,261	\$5,776,261
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$5,976,261	\$5,976,261



Version: **2019 Budget**

Project Title: **Apparatus - Aerial (1500)**

Project Year(s): **2019 to 2019**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **Repair/Replace**

Project Location: **Station 8**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,300,000**

Future Funding: **\$0**

Project # : **801005.00**

Current Status : **Board**

Project Description :
Replacement of Aerial Fire Engine currently at Station 8. It is the department's recommendation to place each front line vehicle into the reserve pool after ten years of service, and replace reserve pool vehicles after fifteen years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,257,000	\$0	\$0	\$0	\$0	\$1,257,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$19,000	\$0	\$0	\$0	\$0	\$19,000
Cost of Issuance (Rev/GO Bonds)	\$24,000	\$0	\$0	\$0	\$0	\$24,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000

Estimated Life of Item (years):
15

Year of Estimate:
2016

Source of Estimate:
Current rate plus 3% per year cost increase

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000



Version: **2019 Budget**

Project Title: **Apparatus - Engine (1436)**

Project Year(s): **2021 to 2021**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **Repair/Replace**

Project Location: **Station 10**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$820,000**

Future Funding: **\$0**

Project # : **801007.00**

Current Status : **Board**

Project Description :
Replacement of Fire Engine currently at Station 10. It is the department's recommendation to place each front line vehicle into the reserve pool after ten years of service, and replace reserve pool vehicles after fifteen years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$797,000	\$0	\$0	\$797,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$10,000	\$0	\$0	\$10,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$13,000	\$0	\$0	\$13,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$820,000	\$0	\$0	\$820,000

Estimated Life of Item (years):
15

Year of Estimate:
2017

Source of Estimate:
Current rate plus 3% per year cost increase

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$820,000	\$0	\$0	\$820,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$820,000	\$0	\$0	\$820,000



Version: **2019 Budget**

Project Title: **Apparatus - Engine (1288)**

Project Year(s): **2020 to 2020**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **Repair/Replace**

Project Location: **Fire Station 2**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$785,000**

Future Funding: **\$0**

Project # : **801006.00**

Current Status : **Board**

Project Description :

Replacement of Fire Engine currently at Station 2. It is the department's recommendation to place each front line vehicle into the reserve pool after ten years of service, and replace reserve pool vehicles after fifteen years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$765,000	\$0	\$0	\$0	\$765,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$9,000	\$0	\$0	\$0	\$9,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$11,000	\$0	\$0	\$0	\$11,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$785,000	\$0	\$0	\$0	\$785,000

Estimated Life of Item (years):

15

Year of Estimate:

2017

Source of Estimate:

Current rate plus 3% per year cost increase

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$785,000	\$0	\$0	\$0	\$785,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$785,000	\$0	\$0	\$0	\$785,000



Version: **2019 Budget**

Project Title: **Apparatus - Engine (1289)**

Project Year(s): **2020 to 2020**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **New and Repair/Replace**

Project Location: **Station 1**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$785,000**

Future Funding: **\$0**

Project # : **801006.02**

Current Status : **Board**

Project Description :
Replacement of Fire Engine currently at Station 1. It is the departments recommendation to place each front line vehicle into the reserve pool after ten years of service, and replace reserve pool vehicles after fifteen years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$765,000	\$0	\$0	\$0	\$765,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$9,000	\$0	\$0	\$0	\$9,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$11,000	\$0	\$0	\$0	\$11,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$785,000	\$0	\$0	\$0	\$785,000

Estimated Life of Item (years):
15

Year of Estimate:
2017

Source of Estimate:
Current rate plus 3% per year cost increase

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$785,000	\$0	\$0	\$0	\$785,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$785,000	\$0	\$0	\$0	\$785,000



Version: **2019 Budget**

Project Title: **Apparatus - Engine (1439)**

Project Year(s): **2021 to 2021**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **Repair/Replace**

Project Location: **Station 11**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$820,000**

Future Funding: **\$0**

Project # : **801007.02**

Current Status : **Board**

Project Description :
Replacement of Fire Engine currently at Station 11. It is the department's recommendation to place each front line vehicle into the reserve pool after ten years of service, and replace reserve pool vehicles after fifteen years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$797,000	\$0	\$0	\$797,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$10,000	\$0	\$0	\$10,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$13,000	\$0	\$0	\$13,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$820,000	\$0	\$0	\$820,000

Estimated Life of Item (years):
15

Year of Estimate:
2017

Source of Estimate:
Current Price plus a 3% per year cost increase

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$820,000	\$0	\$0	\$820,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$820,000	\$0	\$0	\$820,000



Version: **2019 Budget**

Project Title: **Apparatus - Engine (1438)**

Project Year(s): **2022 to 2022**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **Repair/Replace**

Project Location: **Station 3**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$850,000**

Future Funding: **\$0**

Project # : **801004.02**

Current Status : **Board**

Project Description :
Replacement of Fire Engine currently at Station 3. It is the department's recommendation to place each front line vehicle into the reserve pool after ten years of service, and replace reserve pool vehicles after fifteen years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$825,000	\$0	\$825,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$11,000	\$0	\$11,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$14,000	\$0	\$14,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$850,000	\$0	\$850,000

Estimated Life of Item (years):
15

Year of Estimate:
2017

Source of Estimate:
Current Price plus a 3% per year cost increase

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$850,000	\$0	\$850,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$850,000	\$0	\$850,000



Version: **2019 Budget**

Project Title: **Hazmat Vehicle (1136)**

Project Year(s): **2022 to 2022**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **New**

Project Location: **Station 8**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$850,725**

Future Funding: **\$0**

Project # : **801022.00**

Current Status : **Board**

Project Description :

Replacement of the department's HazMat truck. The department currently uses a truck that pulls a storage trailer that is over twenty years old. The current standards state that a stand alone vehicle is preferred in a environment similar to the City of Topeka.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$805,225	\$0	\$805,225
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$19,500	\$0	\$19,500
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$26,000	\$0	\$26,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$850,725	\$0	\$850,725

Estimated Life of Item (years):

15

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$850,725	\$0	\$850,725
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$850,725	\$0	\$850,725



Version: 2019 Budget

Project Title: **Zoo Commissary**

Project Year(s): **2023 to 2023**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **New**

Project Location: **Topeka Zoo**

Category: **Quality of Life**

Contact Phone: **785-506-3797**

Contact Name: **Brendan Wiley**

Alternate Phone: **785-368-9131**

Previous Funding: **\$0**

Total Funding: **\$236,250**

Future Funding: **\$0**

Project # : **301062.00**

Current Status : **Board**

Project Description :

This project will update and expand the zoo's commissary to meet the need of the expanding zoo and current standards. The facility that serves as the zoo's commissary was originally built to be a staff break room. During its conversion to a commissary, a 1970's walk-in refrigerator and freezer were relocated to serve as part of this facility. The zoo deals with freezer issues every summer and parts are getting to be harder and harder to find. Because of the size of the freezer, the zoo schedules multiple deliveries per year when it could save operational funding with a larger space that could receive twice a year deliveries. Standards have evolved since this facility came into use. Because some foods need cooked to make the products digestive friendly, a stove was installed in a hallway. While current standard implies the need for a three step cleaning/sanitizing process for food prep utensils, the facility can not accommodate this process. This project would bring the zoo's food preparation area up to current standard.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$18,900	\$18,900
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$209,150	\$209,150
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$3,500	\$3,500
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$4,700	\$4,700
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$236,250	\$236,250

Estimated Life of Item (years):

25

Year of Estimate:

2016

Source of Estimate:

Contractor

Estimated Annual operating Cost :

This project is not expected to substantially impact the zoo's operating cost as this is a function that the zoo already does.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$236,250	\$236,250
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$236,250	\$236,250



Version: 2019 Budget

Project Title: **Zoo Public Path**

Project Year(s): **2022 to 2022**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **Repair/Replace**

Project Location: **Topeka Zoo**

Category: **Quality of Life**

Contact Phone: **785-368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone: **785-506-3797**

Previous Funding: **\$0**

Total Funding: **\$255,150**

Future Funding: **\$0**

Project # : **301059.00**

Current Status : **Board**

Project Description :

Many areas of public sidewalk inside zoo perimeter are damaged from normal wear and require repair for ADA compliance and safety. A significant high traveled asphalt area in-between the Gary Clarke Living Classroom, Discovering Apes, Lion and Giraffe exhibits is becoming so cracked and pitted it is becoming difficult to repair each year making it difficult for stroller and wheel chair travel. In other areas of the zoo, old concrete sidewalks have shifted. These shifting sidewalks have gone through two cycles of shaving to reduce trip hazards to within ADA requirements. Until these sections of sidewalk can be replaced, they will be painted with yellow accent paint to identify the potential trip hazard.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$20,412	\$0	\$20,412
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$225,838	\$0	\$225,838
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$3,800	\$0	\$3,800
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$5,100	\$0	\$5,100
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$255,150	\$0	\$255,150

Estimated Life of Item (years):

30

Year of Estimate:

2016

Source of Estimate:

Contractor

Estimated Annual operating Cost :

This project will not have an impact on annual operating costs.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$255,150	\$0	\$255,150
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$255,150	\$0	\$255,150



This project sheet is located in multiple sections due to multiple funding sources.

Version: **2019 Budget**

Project Title: **Zoo - Storm Drainage, Parking, Group Entrance**

Project Year(s): **2019 to 2019**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **New**

Project Location: **Zoo**

Category: **Quality of Life**

Contact Phone: **368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,706,000**

Future Funding: **\$0**

Project # : **301056.00**

Current Status : **Board**

Project Description :
This project will create a group and school group entrance into the Topeka Zoo to ease main parking compression for the attraction. The location for this project will occur just South of the Helen Hocker complex. This project will also create extra parking for the Zoo, Big Gage, Helen Hocker and Animal Land.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$213,600	\$0	\$0	\$0	\$0	\$213,600
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,344,200	\$0	\$0	\$0	\$0	\$1,344,200
Contingency	\$101,000	\$0	\$0	\$0	\$0	\$101,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Cost of Issuance (Rev/GO Bonds)	\$32,200	\$0	\$0	\$0	\$0	\$32,200
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,706,000	\$0	\$0	\$0	\$0	\$1,706,000

Estimated Life of Item (years):
30

Year of Estimate:
2016

Source of Estimate:
Staff

Estimated Annual operating Cost :
There will be a small utility increase and seasonal staffing needs provided by FOTZ.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$1,456,000	\$0	\$0	\$0	\$0	\$1,456,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,706,000	\$0	\$0	\$0	\$0	\$1,706,000



Version: **2019 Budget**

Project Title: **Zoo Public Area Electrical Upgrade**

Project Year(s): **2023 to 2023**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **New**

Project Location: **Zoo**

Category: **Quality of Life**

Contact Phone: **368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone: **506-3797**

Previous Funding: **\$0**

Total Funding: **\$275,625**

Future Funding: **\$0**

Project # : **301055.00**

Current Status : **Board**

Project Description :
This project will bring electrical utilities up to a standard around the public areas of the zoo to support evening events. History shows that one of the areas of growth is in evening rentals of the zoo and an extension of the zoo season in November and December by hosting a zoo lights program. This project budget would accomplish both goals. This project was estimated by Friends of the Zoo in 2016. Local contractors were willing to donate approximately \$40,000 of the project.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$22,061	\$22,061
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$244,064	\$244,064
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$4,000	\$4,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$5,500	\$5,500
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$275,625	\$275,625

Estimated Life of Item (years):

30

Year of Estimate:

2016

Source of Estimate:

FOTZ funded engineering study

Estimated Annual operating Cost :

Cost estimate is based on 3 bids received in 2016. Annual operating cost will be offset by earned revenue.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$275,625	\$275,625
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$275,625	\$275,625



Version: **2019 Budget**

Project Title: **Zoo Public Path Barrier Replacement Project**

Project Year(s): **2022 to 2023**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **New**

Project Location: **Zoo**

Category: **Quality of Life**

Contact Phone: **368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$500,000**

Future Funding: **\$0**

Project # : **301057.00**

Current Status : **Board**

Project Description :

This project will replace all of the 42 inch public barrier at the zoo that prevents guests from having interaction with potentially dangerous animals. The current barrier is constructed off a cedar fencing system which routinely fails in our soil conditions. The new system will be a themed PVC product that has an anti-climb finish factored into it. This project will help minimize the risk of unintended guest encounters with dangerous animals into the future. Over the years of this project, it will replace almost a half mile of failing barrier.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$170,000	\$170,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Contingency	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$500,000	\$500,000

Estimated Life of Item (years):

30 Years

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

This project will not increase annual operating costs.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$500,000	\$500,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$500,000	\$500,000



Version: **2019 Budget**

Project Title: **Zoo Tropical Rain Forest HVAC Replacement**

Project Year(s): **2021 to 2021**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **Repair/Replace**

Project Location: **Zoo**

Category: **Quality of Life**

Contact Phone: **368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone: **506-3797**

Previous Funding: **\$0**

Total Funding: **\$255,603**

Future Funding: **\$0**

Project # : **301053.00**

Current Status : **Board**

Project Description :

This project will replace 30 tons of air conditioning units installed in 2007. Because of heavy usage, these air conditioning units are expected to be at the end of their life cycle around this time. This project is currently in the 2019 CIB. Because of how they are operating today, we think we can push this project back two years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$19,500	\$0	\$0	\$19,500
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$227,303	\$0	\$0	\$227,303
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$3,800	\$0	\$0	\$3,800
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$5,000	\$0	\$0	\$5,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$255,603	\$0	\$0	\$255,603

Estimated Life of Item (years):

15

Year of Estimate:

2016

Source of Estimate:

Contractor

Estimated Annual operating Cost :

This project will not increase annual operating costs.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$255,603	\$0	\$0	\$255,603
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$255,603	\$0	\$0	\$255,603



Version: 2019 Budget

Project Title: **Bike Lanes on SE 6th & SE 10th Ave Bridges over I-70**

Project Year(s): **2023 to 2023**

Dept/Div: **1013019 - ENGINEERING**

Type: **New**

Project Location: **SE 6th & SE 10th Bridges over I-70**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust/Terry Coder**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$500,000**

Future Funding: **\$0**

Project # : **861009.00**

Current Status : **Board**

Project Description :
This project will fund widening of the SE 6th Avenue and SE 10th Avenue bridges over I-70 for bike lanes when the bridges are replaced with the Kansas Department of Transportation's Polk-Quincy Realignment Project. The Topeka Bikeways Master Plan recommends a 5' bike lane on both sides of 6th Avenue (Bike Route 1) and 10th Avenue (Bike Route 7) in future replacements of these roadways. An exact time frame for the realignment project is unknown until Kansas Department of Transportation receives full funding for construction. The project is being placed in the last year of the 5 year Capital Improvement Program (CIP) and will likely keep moving back to the fifth year of subsequent CIPs until a more exact construction time frame is known.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$483,000	\$483,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$7,000	\$7,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$500,000	\$500,000

Estimated Life of Item (years):

30

Year of Estimate:

2015

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

Operating costs to the City are minimal as these bridges are maintained by the Kansas Department of Transportation.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$500,000	\$500,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$500,000	\$500,000



Version: **2019 Budget**

Project Title: **NW Tyler Street, NW Beverly Street to NW Paramore Street**

Project Year(s): **2023 to 2025**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **NW Tyler**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,600,000**

Future Funding: **\$1,450,000**

Project # : **701034.00**

Current Status : **Board**

Project Description :
This project is the 3 phase of the reconstruction of NW Tyler from a rural section to a 3 lane minor arterial. Previous phase (701019.00) was from Lyman to Beverly. Design in 2023, ROW and utility relocation in 2024 with construction in 2025. New section will include sidewalk, curb/gutter and enclosed storm sewers. Citywide funding is shown in project #841060.00

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$150,000	\$150,000

Estimated Life of Item (years):
30

Year of Estimate:
2017

Source of Estimate:
Engineering

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$100,000	\$100,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$50,000	\$50,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$150,000	\$150,000



Version: 2019 Budget

Project Title: **NW Tyler Street - NW Lyman Road to NW Beverly Street**

Project Year(s): **2020 to 2023**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **NW Tyler St. -- Lyman to Beverly**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,048,000**

Future Funding: **\$0**

Project # : **701019.00**

Current Status : **Board**

Project Description :

This project provides funding for widening NW Tyler Street between NW Lyman Road and NW Beverly Street. The new roadway will include curb and gutter, sidewalks and a drainage system. NW Tyler Street is a minor arterial street. Design is expected to start in 2020 with right-of-way acquisition and utility relocation in 2021. Construction to follow in 2022. This project follows the improvements to NW Tyler between US24 and NW Lyman that were constructed in 2017. The third phase of these improvements (between Beverly and Paramore is planned for 2023-2025. The last phase (Beverly to Paramore) Project No. is 701034.00. Citywide funding is shown in project #841060.00

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$190,000	\$0	\$0	\$0	\$190,000
Right of Way	\$0	\$0	\$150,000	\$0	\$0	\$150,000
Construction/Service Fees	\$0	\$0	\$0	\$1,600,000	\$0	\$1,600,000
Contingency	\$0	\$0	\$0	\$80,000	\$0	\$80,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$4,000	\$4,000	\$4,000	\$0	\$12,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$5,333	\$5,333	\$5,334	\$0	\$16,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$199,333	\$159,333	\$1,689,334	\$0	\$2,048,000

Estimated Life of Item (years):

30

Year of Estimate:

2015

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

Operating costs include pavement markings and crack sealing. The primary funding source is Motor Fuel Tax. This project will provide a net reduction in operating costs by reducing the maintenance needs for new pavement versus existing deteriorated pavement.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$199,333	\$159,333	\$800,000	\$0	\$1,158,666
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$889,334	\$889,334
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$199,333	\$159,333	\$800,000	\$889,334	\$2,048,000



Version: **2019 Budget**

Project Title: **S. Topeka Blvd from 21st Street to 29th Street**

Project Year(s): **2023 to 2024**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **S Topeka Blvd**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,680,000**

Future Funding: **\$1,580,000**

Project # : **701031.00**

Current Status : **Board**

Project Description :
S. Topeka from 21st to 27th - mill/overlay/curb replacement. S. Topeka from 27th to 29th - mill/overlay/curbs. There will be localized base stabilization/replacement in failing/failed sections along with re-striping. Complete reconstruction is not anticipated if this rehab is performed soon. Design work scheduled for 2023 with construction in 2024.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$100,000	\$100,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

If performed within the next 5 to 7 years, complete reconstruction will not be required. Mill/overlay will help preserve the pavement and reduce maintenance costs.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$100,000	\$100,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$100,000	\$100,000



Version: 2019 Budget

Project Title: **SE 29th Street/Kansas Turnpike Authority Interchange**

Project Year(s): **2022 to 2023**

Dept/Div: **1013019 - ENGINEERING**

Type: **New**

Project Location: **SE 29th St/KTA Interchange**

Category: **Street**

Contact Phone: **(785) 368-3033**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$500,000**

Future Funding: **\$0**

Project # : **701017.00**

Current Status : **Board**

Project Description :

This project will construct a new interchange on the Kansas Turnpike at SE 29th Street. The exact configuration, time frame, and cost of this project are unknown. Planning estimate of construction cost ranges from \$18-20 million. The project (design) is being placed in year 2023 as a placeholder. The City of Topeka will request a portion of the costs to be paid by the Kansas Department of Transportation and Kansas Turnpike Authority. This project sheet represents the estimated City portion of concept design only.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$500,000	\$500,000

Estimated Life of Item (years):

30

Year of Estimate:

2015

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

Operating costs are unknown at this time.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$500,000	\$500,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$500,000	\$500,000



Version: **2019 Budget**

Project Title: **SE Quincy Street from 8th Street to 10th Street**

Project Year(s): **2023 to 2024**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **SE Quincy**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,000,000**

Future Funding: **\$910,000**

Project # : **601098.00**

Current Status : **Board**

Project Description :
Reconstruction of the majority of this segment of Quincy is needed. Design in 2023 with reconstruction in 2024.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$90,000	\$90,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$90,000	\$90,000

Estimated Life of Item (years):
20

Year of Estimate:
2016

Source of Estimate:
Engineering

Estimated Annual operating Cost :
Rehab of the street section will reduce the ongoing maintenance funding needed.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$90,000	\$90,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$90,000	\$90,000



Version: 2019 Budget

Project Title: **South Kansas Avenue (1st Street - 6th Street)**

Project Year(s): **2020 to 2027**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **S. Kansas Avenue (1st - 6th)**

Category: **Street**

Contact Phone: **785-368-3801**

Contact Name: **Jason Peek**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$15,000,000**

Future Funding: **\$7,150,000**

Project # : **701024.00**

Current Status : **Board**

Project Description :
This project will continue the downtown South Kansas Avenue infrastructure and streetscape improvements. The project is in support of continued renewal of Topeka's downtown and effort to complete a revitalize street corridor between 10th street and the Kansas River. The project will include repair and replacement of waterline, stormwater, sewer, street, sidewalk infrastructure, and other streetscape elements. Citywide funding is shown in project #841060.00

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$150,000	\$50,000	\$300,000	\$0	\$500,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$7,350,000	\$7,350,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$150,000	\$50,000	\$300,000	\$7,350,000	\$7,850,000

Estimated Life of Item (years):

20-30

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

The funding source for street repair work is primarily Motor Fuel Tax. This project should provide a net reduction in operating costs by improving deteriorated infrastructure elements.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$100,000	\$0	\$65,000	\$0	\$165,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$50,000	\$50,000	\$235,000	\$7,350,000	\$7,685,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$150,000	\$50,000	\$300,000	\$7,350,000	\$7,850,000



Version: **2019 Budget**

Project Title: **SW 10th Avenue - SW Fairlawn Road to SW Wanamaker Road**

Project Year(s): **2017 to 2022**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SW 10th Ave. Fairlawn**

Category: **Street**

Contact Phone: **368-3033**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$508,500**

Total Funding: **\$6,000,002**

Future Funding: **\$0**

Project # : **701015.00**

Current Status : **Board**

Project Description :
This project will widen SW 10th Avenue between SW Fairlawn Road and SW Wanamaker Road. The new roadway will include curb & gutter, sidewalks, street lighting, and a drainage system. Design is scheduled to start in 2017 with utility relocation in 2018 and construction in 2019. \$400k from GO Bonds was included in 2017 CIP. Citywide funding is shown in project #841060.00

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Right of Way	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Construction/Service Fees	\$0	\$0	\$2,350,000	\$2,350,000	\$0	\$4,700,000
Contingency	\$20,400	\$0	\$116,851	\$116,851	\$0	\$254,102
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$17,400	\$17,400	\$17,400	\$17,400	\$0	\$69,600
Cost of Issuance (Rev/GO Bonds)	\$23,200	\$23,200	\$23,200	\$23,200	\$0	\$92,800
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$136,000	\$340,600	\$2,507,451	\$2,507,451	\$0	\$5,491,502

Estimated Life of Item (years):

30

Year of Estimate:

2015

Source of Estimate:

Eng. Div.

Estimated Annual operating Cost :

Operating costs include pavement markings and crack sealing. The primary funding source is Motor Fuel Tax. This project will provide a net reduction in operating costs by reducing the maintenance needs for the new pavement versus the existing deteriorated pavement.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$108,500	\$800,350	\$1,100,000	\$800,000	\$0	\$2,808,850
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$993,984	\$694,334	\$994,334	\$0	\$2,682,652
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$108,500	\$1,794,334	\$1,794,334	\$1,794,334	\$0	\$5,491,502



Version: 2019 Budget

Project Title: **SW 10th Avenue from Wanamaker to SW Gerald Lane**

Project Year(s): **2021 to 2025**

Dept/Div: **1013019 - ENGINEERING**

Type: **New**

Project Location: **SW 10th**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,565,000**

Future Funding: **\$0**

Project # : **701023.00**

Current Status : **Board**

Project Description :
SW 10th Street just west of Wanamaker narrows to a 2-lane rural section. There is commercial development on this section with a transition to residential housing to the west. Road should be upgraded to a 3-lane section to Gerald Lane with additional expansion to the west at a future date. Note - significant drainage structure (bridge) just east of Gerald Lane with 2 lanes across. With residential to the west, an option is to narrow to a two lane section at the bridge and transition back to 3 lane further west. Need to look at traffic projections and growth potential before finalizing design. Length is approximately 1200 feet.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$150,000	\$0	\$0	\$150,000
Right of Way	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Construction/Service Fees	\$0	\$0	\$0	\$0	\$1,300,000	\$1,300,000
Contingency	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$150,000	\$50,000	\$1,365,000	\$1,565,000

Estimated Life of Item (years):

30 years

Year of Estimate:

2017

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

Any additional lanes will add maintenance costs primarily funded out of the Motor Fuel Fund.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$150,000	\$50,000	\$1,365,000	\$1,565,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$150,000	\$50,000	\$1,365,000	\$1,565,000



Version: **2019 Budget**

Project Title: **SW 29th Street from Topeka Blvd to Burlingame Road.**

Project Year(s): **2023 to 2025**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **SW 29th**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,075,000**

Future Funding: **\$1,000,000**

Project # : **701032.00**

Current Status : **Board**

Project Description :
Project involves curb replacement, localized base patching and mill/overlay. Design in 2023 with construction planned for 2025. Coordination with Water Pollution Control needed. Delaying construction until 2025 to avoid conflicts with improvements planned for Topeka Blvd.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$75,000	\$75,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$75,000	\$75,000

Estimated Life of Item (years):

20

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

If pavement is preserved in the time frame shown, reconstruction should not be required. Mill/overlay will reduce maintenance costs.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$75,000	\$75,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$75,000	\$75,000



Version: 2019 Budget

Project Title: **SW Arvonía Place/Huntoon Street/I-470 Ramps**

Project Year(s): **2019 to 2023**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SW Arvonía Pl./SW Huntoon/I-470**

Category: **Street**

Contact Phone: **368-3033**

Contact Name: **Brian Faust/Terry Coder**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,471,500**

Future Funding: **\$0**

Project # : **701014.00**

Current Status : **Board**

Project Description :

This project will improve traffic operations, safety, and level of service in the area of SW Arvonía Place, SW Huntoon Street, SW Winding Road, I-470 Ramps, and SW Wanamaker Road. The existing roadway network is operating at or near capacity at several locations. Traffic impact studies for proposed developments in the area have revealed that geometric and traffic operation deficiencies in the existing roadway network are so significant that further development would cause traffic operations failure of several intersections. Also includes a water line relocation estimated at \$500,000. Design is total design including water line. Funding of \$1.125M (GO) was included in 2017 CIP. Design and right-of-way are estimated at \$520,000. KDOT funding is \$1.0 Million. In 2018, the 470 southbound ramp and SW Huntoon will be reconstructed. In 2019, Arvonía Place will be reconstructed. 2018 construction estimated at \$3.9M and 2019 at \$2.13M. Citywide funding is shown in project #841017.02

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$2,130,000	\$0	\$0	\$0	\$0	\$2,130,000
Contingency	\$264,500	\$0	\$0	\$0	\$0	\$264,500
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$33,000	\$0	\$0	\$0	\$0	\$33,000
Cost of Issuance (Rev/GO Bonds)	\$44,000	\$0	\$0	\$0	\$0	\$44,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,471,500	\$0	\$0	\$0	\$0	\$2,471,500

Estimated Life of Item (years):

30

Year of Estimate:

2015

Source of Estimate:

Eng. Div.

Estimated Annual operating Cost :

Operating costs include pavement markings and crack sealing. The primary funding source is Motor Fuel Tax.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$1,040,000	\$0	\$0	\$0	\$0	\$1,040,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$1,431,500	\$0	\$0	\$0	\$0	\$1,431,500
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,471,500	\$0	\$0	\$0	\$0	\$2,471,500



Version: 2019 Budget

Project Title: **SW Gage Blvd. from I-70 to 6th Street**

Project Year(s): **2023 to 2024**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **SW Gage Blvd**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,200,000**

Future Funding: **\$2,075,000**

Project # : **601100.00**

Current Status : **Board**

Project Description :

Partial reconstruction of SW Gage between I-70 and 6th Street. Reconstruction of curb on east side, joint repair, street overlay and restriping. There is currently (2017) a possible traffic safety project improvement for 2018. This traffic safety project will add a center turn lane between I-70 and the high school.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$125,000	\$125,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$125,000	\$125,000

Estimated Life of Item (years):

30

Year of Estimate:

2016

Source of Estimate:

Engineering

Estimated Annual operating Cost :

Will reduce the annual maintenance costs and improve ride-ability for this section of roadway.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$125,000	\$125,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$125,000	\$125,000



Version: **2019 Budget**

Project Title: **SW Huntoon Street, SW Executive Drive to SW Urish Road**

Project Year(s): **2023 to 2025**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$4,000,000**

Future Funding: **\$3,650,000**

Project # : **701029.00**

Current Status : **Board**

Project Description :
Reconstruction SW Huntoon Street- continuing where the 2018 project stopped (Executive Drive) and tying into the new county roundabout at SW Urish/Huntoon that opened in late 2017. Road will be a 3 lane section with enclosed storm sewer. Anticipating a waterline replacement/extension with this project. NOTE: A portion of this road section is within Shawnee County as of 2017.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$350,000	\$350,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$350,000	\$350,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Reduced maintenance costs with reconstructed roadway.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$350,000	\$350,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$350,000	\$350,000



This project sheet is in multiple locations due to multiple funding sources.

Version: 2019 Budget

Project Title: **SW Wanamaker Road/SW Huntoon Street/I-470 Ramps**

Project Year(s): **2019 to 2022**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SW Wanamaker/SW Huntoon/I-470**

Category: **Street**

Contact Phone: **368-3033**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$4,400,000**

Future Funding: **\$0**

Project # : **701018.00**

Current Status : **Board**

Project Description :
This project will improve traffic operations, safety and level of service in the SW Wanamaker Road, SW Huntoon Street, I-470/Wanamaker Exit Ramp, and I-470/Winding Road Entrance Ramp areas. The existing roadway network serving the area bounded by SW Huntoon Street, SW Urish Road, SW 17th Street, and SW Wanamaker Road is operating at or near capacity at several locations. Recent traffic impact studies for proposed developments in the area have indicated further development will cause traffic operation failures of several intersections. City staff has worked with the Kansas Department of Transportation and a consultant on a Traffic Impact Study to determine geometric and intersection improvements and access control necessary to accommodate anticipated traffic from future developments and traffic growth in the area. This project will provide recommended geometric improvements to the intersection of SW Wanamaker Road and SW Huntoon Street and along SW Wanamaker Road at the I-470 Exit Ramp and I-470/Winding Road Entrance Ramp. This area is experiencing congestion and a low level of service under existing conditions. Design is expected to start in 2019 with construction to follow in 2021-22. Citywide funding is shown in project #841017.02 for 2019 and #841060.00 for 2020 forward.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$175,000	\$175,000	\$0	\$0	\$0	\$350,000
Right of Way	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Construction/Service Fees	\$0	\$0	\$1,860,000	\$1,860,000	\$0	\$3,720,000
Contingency	\$0	\$0	\$103,000	\$103,000	\$0	\$206,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$10,667	\$10,667	\$10,667	\$0	\$32,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$14,000	\$14,000	\$14,000	\$0	\$42,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$175,000	\$249,667	\$1,987,667	\$1,987,667	\$0	\$4,400,000

Estimated Life of Item (years):
30

Year of Estimate:
2015

Source of Estimate:
Eng. Div.

Estimated Annual operating Cost :
Operating costs include pavement markings and crack sealing. The primary funding source is Motor Fuel Tax.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$175,000	\$25,000	\$500,000	\$500,000	\$0	\$1,200,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$1,100,000	\$1,100,000	\$0	\$0	\$2,200,000
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$500,000	\$500,000	\$0	\$1,000,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$175,000	\$1,125,000	\$2,100,000	\$1,000,000	\$0	\$4,400,000



Version: **2019 Budget**

Project Title: **Wayfinding Signs Package A**

Project Year(s): **2019 to 2019**

Dept/Div: **10160 - PLANNING DEPARTMENT**

Type: **New**

Project Location: **Various**

Category: **Street**

Contact Phone: **785-368-3008**

Contact Name: **Bill Fiander**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$170,000**

Future Funding: **\$0**

Project # : **861014.00**

Current Status : **Board**

Project Description :

This project involves the manufacturing and installation of Topeka's wayfinding messaging system to provide efficient vehicular guidance to key destinations within and outside the city designed in alignment with the adopted brand for Topeka. Key destinations have been identified using a set of criteria based on their civic value, volume of traffic, visitor traffic, navigation difficulty, and traffic safety. 27 primary sites and 22 secondary sites were identified. This project consist of the first package of 127 vehicle guidance signs as well as 14 public parking signs. The costs include 3M vinyl graphics, supports structures, footings, and Z-clip brackets. The vehicular and parking signs are part of a comprehensive wayfinding program that also includes gateway signs along key entrances to the city and pedestrian-scale signage for Downtown.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$170,000	\$0	\$0	\$0	\$0	\$170,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$170,000	\$0	\$0	\$0	\$0	\$170,000

Estimated Life of Item (years):

20 years

Year of Estimate:

2016

Source of Estimate:

Axia Creative

Estimated Annual operating Cost :

Maintenance funding will be minimal after installation to address signs that may get damaged due to crashes or future destinations being added (1-2 signs per year = \$6,000).

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$170,000	\$0	\$0	\$0	\$0	\$170,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$170,000	\$0	\$0	\$0	\$0	\$170,000



Version: **2019 Budget**

Project Title: **Complete Street Projects**

Project Year(s): **2019 to 2028**

Dept/Div: **1013019 - ENGINEERING**

Type: **New and Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Terry Coder**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,000,000**

Future Funding: **\$500,000**

Project # : **601096.00**

Current Status : **Board**

Project Description :
This project provides for the addition of complete street elements to existing streets to better serve all users of the transportation system. Common complete street elements include sidewalks, bike lanes, crosswalks/pedestrian flashers, accessible curb ramps, pedestrian refuge medians, bus stop access to adjacent trails. Complete street elements may be constructed with projects funded from other sources like citywide sales tax projects or this project may provide matching funds for grant projects.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$82,000	\$82,000	\$82,000	\$82,000	\$82,000	\$410,000
Contingency	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$33,500
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$1,400	\$1,400	\$1,400	\$1,400	\$1,400	\$7,000
Cost of Issuance (Rev/GO Bonds)	\$1,900	\$1,900	\$1,900	\$1,900	\$1,900	\$9,500
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :
Operating costs will be minimal.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000



Version: **2019 Budget**

Project Title: **Citywide Infrastructure**

Project Year(s): **2019 to 2028**

Dept/Div: **1013019 - ENGINEERING**

Type: **New and Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,125,000**

Future Funding: **\$1,000,000**

Project # : **601097.00**

Current Status : **Board**

Project Description :

This project provides for the construction of new or repair/replacement of infrastructure elements through stand alone projects, by providing the required matching funds for grant projects, or providing additional funds for projects where funding for new infrastructure is needed as with citywide sales tax projects. The improvements can include such elements as sidewalks, bikeways, street widening, or green infrastructure such as landscaping, street trees, or porous paving. This project also includes funding for studies for energy and sustainability audits and studies.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$41,000	\$41,000	\$41,000	\$41,000	\$41,000	\$205,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$168,000	\$168,000	\$168,000	\$168,000	\$168,000	\$840,000
Contingency	\$9,200	\$9,200	\$9,200	\$9,200	\$9,200	\$46,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$2,900	\$2,900	\$2,900	\$2,900	\$2,900	\$14,500
Debt Reserve Fund (Rev Bond)	\$3,900	\$3,900	\$3,900	\$3,900	\$3,900	\$19,500
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000

Estimated Life of Item (years):

NA

Year of Estimate:

NA

Source of Estimate:

Estimated Annual operating Cost :

Operating costs will depend upon the type of infrastructure but should be minimal.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000



Version: **2019 Budget**

Project Title: **Wayfinding Signs Package B**

Project Year(s): **2019 to 2020**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **New**

Project Location: **Various**

Category: **Street**

Contact Phone: **785-368-3008**

Contact Name: **Bill Fiander**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$500,000**

Future Funding: **\$0**

Project # : **861022.00**

Current Status : **Board**

Project Description :

This project involves manufacturing and installation of Topeka's wayfinding messaging system to provide effective guidance to key destinations within the Topeka area. The project will compliment the Project Wayfinding Signs Package A (861014.00). These combined projects will result in removal and replacement of existing signs (78 plus 14 parking signs) and install 49 new signs. Locations have signs have been identified based on civic value, volume of traffic, visitor traffic, navigation difficulty, and traffic safety.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000

Estimated Life of Item (years):

20

Year of Estimate:

2018

Source of Estimate:

Axia Creative 2016

Estimated Annual operating Cost :

Maintenance funding will be minimal after signs are installed. Signs damaged due to severe weather or crashes may need to be replaced estimate 1 per year at \$3,000.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000



Version: **2019 Budget**

Project Title: **SW Urish Road, SW 21st Street to SW 29th Street**

Project Year(s): **2023 to 2025**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **SW Urish Road**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$5,400,000**

Future Funding: **\$4,950,000**

Project # : **701030.00**

Current Status : **Board**

Project Description :
Reconstructing SW Urish Road between 21st and 29th. While other portions of Urish Road within the County are 5 lanes, it is recommended that this stretch be limited to 3 lanes with enclosed storm and sidewalk/trail. Design planned for 2023 with Right of Way (ROW) and utility relocation in 2024 and construction in 2025. This is a one (1) mile stretch - construction may go into a second year (2026).

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$450,000	\$450,000

Estimated Life of Item (years):
30

Year of Estimate:
2016

Source of Estimate:
Engineering Div.

Estimated Annual operating Cost :
Reduced maintenance costs with reconstructed roadway.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$450,000	\$450,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$450,000	\$450,000



Version: 2019 Budget

Project Title: **Traffic Signal Replacement Program**

Project Year(s): **2019 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **New and Repair/Replace**

Project Location: **Various locations**

Category: **Traffic**

Contact Phone: **785-368-3842**

Contact Name: **Terry Coder**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$7,984,920**

Future Funding: **\$4,692,500**

Project # : **141024.00**

Current Status : **Board**

Project Description :
This project provides a replacement program for the 186 existing traffic signals located throughout the City. Three to four traffic signals are generally replaced annually. Signals are selected for replacement based physical condition, operational deficiencies, and capabilities of electronic components to detect vehicles, bikes and pedestrians. New systems will incorporate modern technology and meet the requirements of the Manual on Uniform Traffic Control Devices (MUTCD). Having a continuous replacement program allows the costs of replacing the signals to be spread out over time. Depending on the location, existing signals may be replaced with poles/mast arms that are black powder coated with illuminated street signage and radar detection. Replacing 186 signals at a rate of 4 intersections per year, it will take approximately 46 years to replace the system. With advances in signal technology and wear and tear on the system, replacing the signals at an intersection every 46 years may push/exceed the useful life of the signal components. The replacement schedule will need to be monitored to make sure adequate funding exists. When signals are updated, the intersection will brought into compliance with the Americans with Disability Act (ADA).

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$65,000	\$55,000	\$41,000	\$44,000	\$41,000	\$246,000
Right of Way	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Construction/Service Fees	\$626,000	\$600,000	\$500,000	\$524,841	\$500,000	\$2,750,841
Contingency	\$35,000	\$34,579	\$35,000	\$35,000	\$35,000	\$174,579
Technology	\$8,000	\$8,000	\$8,000	\$9,000	\$8,000	\$41,000
Financing Costs (Temp Notes)	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$55,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$750,000	\$713,579	\$600,000	\$628,841	\$600,000	\$3,292,420

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

This project will provide a net reduction in annual operating costs by replacing outdated signals. The primary funding source is the General Fund (Traffic Operations Section of the Street Division).

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$750,000	\$713,579	\$600,000	\$628,841	\$600,000	\$3,292,420
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$750,000	\$713,579	\$600,000	\$628,841	\$600,000	\$3,292,420



Version: **2019 Budget**

Project Title: **Traffic Safety Projects**

Project Year(s): **2019 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **New and Repair/Replace**

Project Location: **Various locations**

Category: **Traffic**

Contact Phone: **368-3842**

Contact Name: **Terry Coder**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,200,000**

Future Funding: **\$1,100,000**

Project # : **601095.00**

Current Status : **Board**

Project Description :
These projects improve traffic safety at various locations within the City's transportation network. The types of projects include installation of a new traffic signal, equipment to synchronize a series of traffic signals, removal of a free-flowing right turn lane, construction of additional turn lanes or medians, installation of pedestrian flashers at a crosswalks, or other appropriate measures to improve safety of the transportation system.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$185,000	\$185,000	\$185,000	\$185,000	\$185,000	\$925,000
Contingency	\$8,700	\$8,700	\$8,700	\$8,700	\$8,700	\$43,500
Technology	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$13,500
Financing Costs (Temp Notes)	\$3,600	\$3,600	\$3,600	\$3,600	\$3,600	\$18,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$220,000	\$220,000	\$220,000	\$220,000	\$220,000	\$1,100,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Engineering

Estimated Annual operating Cost :

Operating costs include pavement markings and crack sealing. The funding source for these costs is primarily Motor Fuel Tax. This project will provide a net reduction in operating costs for existing pavement. The project may also provide a savings in fuel costs by providing a more efficient operation of intersections.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$220,000	\$220,000	\$220,000	\$220,000	\$220,000	\$1,100,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$220,000	\$220,000	\$220,000	\$220,000	\$220,000	\$1,100,000



Version: **2019 Budget**

Project Title: **Downtown Traffic Signal Coordination**

Project Year(s): **2020 to 2020**

Dept/Div: **1013019 - ENGINEERING**

Type: **New and Repair/Replace**

Project Location: **Various location downtown**

Category: **Traffic**

Contact Phone: **368-3842**

Contact Name: **Terry Coder**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$290,000**

Future Funding: **\$0**

Project # : **141025.00**

Current Status : **Board**

Project Description :
This project will improve traffic operations in the downtown area by retiming signals and establishing coordinated traffic signal operations optimized based upon current vehicular, bicycle and pedestrian traffic patterns. This project is bounded by and includes: S Topeka Blvd on the west, SE and SW 1st Streets on the north, SE Jefferson on the east and SW and SE 12th on the south. This area includes 41 traffic signals. Signals currently operating on timing plans developed in 1993 and most timings have not been updated since then. Significant traffic pattern changes have occurred since the timing was established.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$290,000	\$0	\$0	\$0	\$290,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$290,000	\$0	\$0	\$0	\$290,000

Estimated Life of Item (years):
10 to 15

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$290,000	\$0	\$0	\$0	\$290,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$290,000	\$0	\$0	\$0	\$290,000



Stormwater Projects



Project Title: **2019 Annual Best Management Practices Development
& Construction Services**

Version: **2019 Budget**

Project Year(s): **2019 to 2028**

Dept/Div: **62330 - UTILITIES-STORMWATER**

Type: **New and Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-3122**

Contact Name: **Zachary Stueve**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,500,000**

Future Funding: **\$1,250,000**

Project # : **501044.00**

Current Status : **Board**

Project Description :
This on-going program is for the purpose of developing and implementing stormwater Best Management Practices (BMP) throughout the city. Development and implementation of BMP is in conformance with the requirements of Federal Permit No. KS0093327 (KS Permit No. M-KS72-So01), National Pollutant Discharge Elimination System (NPDES), Municipal Separate Storm Sewer System (MS4) permit. Said BMP may consist of construction of physical systems (e.g. rain gardens or baffle boxes) or be programmatic (e.g. education programs or facilities). Land acquisition for BMP facilities may be included.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000
Contingency	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

Costs are highly variable based on nature of the facility. This is a considered a mid-level estimate.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000



Version: **2019 Budget**

Project Title: **2019 Annual Drainage Correction Program**

Project Year(s): **2019 to 2028**

Dept/Div: **62330 - UTILITIES-STORMWATER**

Type: **New**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-3122**

Contact Name: **Zachary Stueve**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$3,000,000**

Future Funding: **\$1,500,000**

Project # : **151032.00**

Current Status : **Board**

Project Description :

This is an on-going program to create solutions for small-scale existing drainage problems. This program, established by Council Resolution No. 6833 in 1999, funds 3-4 stormwater improvement projects per year where drainage problems affect at least three private properties or where defects or obstructions hinder function of an existing facility within the right-of-way or dedicated easement. Individual project budgets are limited to \$100,000.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

Estimated Life of Item (years):

100

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

Costs based on amount of assets a typical project will create and use established maintenance costs for similar existing assets. Stormwater Utility Enterprise Fund

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000



Version: 2019 Budget

Project Title: **2019 Annual Levee Asset Repair & Rehabilitation Program**

Project Year(s): **2019 to 2028**

Dept/Div: **62330 - UTILITIES-STORMWATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-3980**

Contact Name: **Kelly Ryan**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,250,000**

Future Funding: **\$1,250,000**

Project # : **161005.00**

Current Status : **Board**

Project Description :

This program is designed for the regular replacement or major rehabilitation of stormwater pump station or other critical non-routine maintenance repairs; e.g. relief well replacement. Stormwater pump stations are high-volume, emergency facilities. Of the 11 owned by the City, 10 of them are located on, and integral to, proper function of the Kansas River levee system while the other one serves an isolated subdivision with no other means of drainage. Funds may be reserved for several years before undertaking a major project. The goal is to proactively rehabilitate and replace these facilities.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2015

Source of Estimate:

Staff

Estimated Annual operating Cost :

Annual estimated operating cost will be included in operating budget.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000



Project Title: **2019 Annual Stormwater Operations Equipment & Fleet Maintenance & Replacement Program**

Version: **2019 Budget**

Project Year(s): **2019 to 2028**

Dept/Div: **62330 - UTILITIES-STORMWATER**

Type: **New and Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-4239**

Contact Name: **Sylvia Davis**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$3,000,000**

Future Funding: **\$1,500,000**

Project # : **501040.00**

Current Status : **Board**

Project Description :

The purpose of this program is to establish a capital equipment plan for the repair and replacement of City stormwater equipment and vehicles. This program will limit unexpected large capital expenditures and control the overall cost of operating and maintaining this equipment. This program also ensures that equipment does not become outdated and is maintained in a manner that extends the useful life of these assets and reduces maintenance costs through improved equipment reliability.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2014

Source of Estimate:

Staff

Estimated Annual operating Cost :

This is an annual operating and maintenance program. Estimated operating cost is the total cost for this program.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000



Version: 2019 Budget

Project Title: **2019 Annual Storm Conveyance System**

Project Year(s): **2019 to 2028**

Dept/Div: **62330 - UTILITIES-STORMWATER**

Type: **New and Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-2527**

Contact Name: **Braxton Copley**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$34,500,000**

Future Funding: **\$25,000,000**

Project # : **501036.00**

Current Status : **Board**

Project Description :

This is an on-going, systematic program to rehabilitate or replace existing storm water conveyance system assets (inlets, pipes, channels, etc.) to ensure continued operation, reduce maintenance and support other infrastructure improvements. Nearly all the assets targeted by this program are anticipated to be in the range of 50-100 years old unless damage by outside forces has led to a reduced life-span. The general exception to this rule regards metal piping which often has a lesser life-span. This program is designed solely to maintain the existing storm water conveyance system at a steady, citywide level of service. In isolated cases smaller improvements may be made in order to meet current-day standards or to address a localized problem not worthy of a capital project. Anticipate about \$2M annually used directly in support of Citywide Half Cent sales tax roadway projects. Remaining funds to be utilized as needs/projects are developed. Rehabilitation or replacement of these assets is necessary to ensure protection of life and property throughout the City. Rehabilitation through innovative methods such as plastic or cement pipe lining will be pursued when possible and financially beneficial.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$140,000	\$140,000	\$140,000	\$250,000	\$280,000	\$950,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,104,595	\$1,104,595	\$1,104,595	\$1,972,491	\$2,209,190	\$7,495,466
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$18,669	\$18,669	\$18,669	\$33,337	\$37,338	\$126,682
Cost of Issuance (Rev/GO Bonds)	\$24,892	\$24,892	\$24,892	\$44,450	\$49,784	\$168,910
Debt Reserve Fund (Rev Bond)	\$111,844	\$111,844	\$111,844	\$199,722	\$223,688	\$758,942
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,400,000	\$1,400,000	\$1,400,000	\$2,500,000	\$2,800,000	\$9,500,000

Estimated Life of Item (years):

100

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

Program is for the repair and replacement of existing assets so no new operating and maintenance cost.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$1,400,000	\$1,400,000	\$1,400,000	\$2,500,000	\$2,800,000	\$9,500,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,400,000	\$1,400,000	\$1,400,000	\$2,500,000	\$2,800,000	\$9,500,000



Project Title: **In-situ Storm Sewer Repair/rehabilitation: Fairlawn 22nd Park to 28th St. Construction Services**

Version: **2019 Budget**

Project Year(s): **2019 to 2019**

Dept/Div: **62330 - UTILITIES-STORMWATER**

Type: **Repair/Replace**

Project Location: **Fairlawn Ave**

Category: **Utilities**

Contact Phone: **785-368-3122**

Contact Name: **Zachary Stueve**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$3,300,000**

Future Funding: **\$0**

Project # : **502730.00**

Current Status : **Board**

Project Description :
Project includes construction phase services for an in-situ storm sewer repair / rehabilitation project on SW Fairlawn Ave from SW 22nd Park Ave to about 125 feet south of SW 28th St.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$2,703,688	\$0	\$0	\$0	\$0	\$2,703,688
Contingency	\$230,000	\$0	\$0	\$0	\$0	\$230,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$44,005	\$0	\$0	\$0	\$0	\$44,005
Cost of Issuance (Rev/GO Bonds)	\$58,674	\$0	\$0	\$0	\$0	\$58,674
Debt Reserve Fund (Rev Bond)	\$263,633	\$0	\$0	\$0	\$0	\$263,633
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$3,300,000	\$0	\$0	\$0	\$0	\$3,300,000

Estimated Life of Item (years):
75-100

Year of Estimate:
2017

Source of Estimate:
Consultant

Estimated Annual operating Cost :
Project is for the repair and replacement of existing assets. No new or additional operating and maintenance costs are anticipated. This project will provide a net reduction in operating costs by reducing the maintenance needs of the existing deteriorated assets.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$3,300,000	\$0	\$0	\$0	\$0	\$3,300,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$3,300,000	\$0	\$0	\$0	\$0	\$3,300,000



Wastewater Projects



Version: **2019 Budget**

Project Title: **2019 Annual Wastewater Plant Operations Equipment & Fleet**

Project Year(s): **2019 to 2028**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **368-4239**

Contact Name: **Sylvia Davis**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$3,000,000**

Future Funding: **\$1,500,000**

Project # : **291082.00**

Current Status : **Board**

Project Description :
The purpose of this program is to establish a capital equipment plan for the repair and replacement of City Wastewater Plant equipment and vehicles. This program will limit unexpected large capital expenditures and control the overall cost of operating and maintaining this equipment. This program also ensures that equipment does not become outdated and is maintained in a manner that extends the useful life of these assets and reduces maintenance costs through improved equipment reliability.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2014

Source of Estimate:

Staff

Estimated Annual operating Cost :

This is an annual operating and maintenance program. Estimated operating cost is the total cost for this program.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000



Version: **2019 Budget**

Project Title: **2019 Annual Inflow & Infiltration Program**

Project Year(s): **2019 to 2028**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$5,000,000**

Future Funding: **\$2,500,000**

Project # : **291085.00**

Current Status : **Board**

Project Description :

Inflow and Infiltration (I and I) projects are designed to clean, repair, and/or replace damaged or inoperative manholes and sewer lines in order to prevent ground water and tree roots from infiltrating the Sanitary Sewer System. This program aids in the elimination of excess water in the system that can cause overflows, sewer line backups, and contamination of waterways. This program provides preventative maintenance of the sewer lines that helps to extend the life of the assets, decrease operations and maintenance costs, and identify system assets that may be close to imminent failure and in need of a larger scale replacement. Projects in this program have a total project cost of less than \$100,000.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

Estimated Life of Item (years):

40-80

Year of Estimate:

2014

Source of Estimate:

Staff

Estimated Annual operating Cost :

This is an annual operating and maintenance program. Estimated operating cost is the total cost for this program. WPC 2013 Prevention Maintenance - cost per foot: \$0.52. WPC 2013 Corrective Maintenance - cost per foot: \$1.31

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000



This project is located in multiple sections due to multiple funding sources

Version: **2019 Budget**

Project Title: **Neighborhood Infrastructure**

Project Year(s): **2019 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Neighborhoods**

Contact Phone: **368-3842 & 368-4484**

Contact Name: **Brian Faust/Sasha Haehn**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$24,200,000**

Future Funding: **\$12,250,000**

Project # : **601094.00**

Current Status : **Board**

Project Description :

This project is a component of the Stages of Resource Targeting program (SORT). The City generally targets a majority of Neighborhood Relation's resources in two redevelopment areas or neighborhoods per year. The neighborhood infrastructure piece includes improvements such as rebuilding deteriorated streets, curb/gutters, alleys and sidewalks. These funds are leveraged with the Community Development Block Grant (CDBG) and HOME Investment Partnerships (HOME) funds utilized for housing rehabilitation and construction. The 2017-2019 SORT neighborhoods are Quinton Heights Steele and Tennessee Town.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,910,000	\$2,210,000	\$2,210,000	\$2,210,000	\$2,210,000	\$10,750,000
Contingency	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Cost of Issuance (Rev/GO Bonds)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,150,000	\$2,450,000	\$2,450,000	\$2,450,000	\$2,450,000	\$11,950,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

The funding for street repair work is primarily Motor Fuel Tax. This project should reduce operating costs by improving deteriorated infrastructure elements.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$1,400,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$8,200,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,150,000	\$2,450,000	\$2,450,000	\$2,450,000	\$2,450,000	\$11,950,000



Version: **2019 Budget**

Project Title: **Condition Assessment - WW Treatment Plants**

Project Year(s): **2019 to 2020**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New**

Project Location: **Oakland and North Topeka WW**

Category: **Utilities**

Contact Phone: **785.368.4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$200,000**

Future Funding: **\$0**

Project # : **291092.00**

Current Status : **Board**

Project Description :
This project will consist of a Condition Assessment of both Wastewater Treatment Plants for the City of Topeka, specifically the Oakland and North Topeka Plants. This project will consist of all data gathering efforts needed to update assets into the City's Computerized Maintenance Management System and provide a detailed report outlining deficiencies found based on useful life, integrity, and technology upgrades as well as estimated total project costs associated with the required upgrades.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$200,000	\$0	\$0	\$0	\$0	\$200,000

Estimated Life of Item (years):

NA

Year of Estimate:

NA

Source of Estimate:

NA

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$200,000	\$0	\$0	\$0	\$0	\$200,000



Version: 2019 Budget

Project Title: **Ash Street Force Main Replacement**

Project Year(s): **2017 to 2020**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New and Repair/Replace**

Project Location: **Following eastward along north side of River Rd.**

Category: **Utilities**

Contact Phone: **785.368.4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$5,000,000**

Total Funding: **\$9,605,996**

Future Funding: **\$0**

Project # : **291057.00**

Current Status : **Board**

Project Description :
This project will consist of all necessary efforts to provide for the preliminary design, final design, and construction of all appurtenances associated with the upgrades to the existing pumps, valving, gate structures, electrical, instrumentation and controls, and new forcemain from the Ash Street Pumpstation to the influent of the Oakland Wastewater Treatment Plant. This Project will include all required permitting of both internal and external agencies, land acquisition/easements, geotechnical, traffic control, survey and road repair associated with the construction of upgrades to facilitate the replacement of new force main and all appurtenances. Currently there are two forcemains serving this station. One approximately eighty years old and the other fifty years old. The newer pipe failed in 2015 causing a sanitary overflow into the Kansas River. This has been identified in the Long Term Control Plan as required by Kansas Department of Health and Environment.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$409,472	\$0	\$0	\$0	\$0	\$409,472
Right of Way	\$204,736	\$0	\$0	\$0	\$0	\$204,736
Construction/Service Fees	\$3,071,035	\$0	\$0	\$0	\$0	\$3,071,035
Contingency	\$409,471	\$0	\$0	\$0	\$0	\$409,471
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$61,421	\$0	\$0	\$0	\$0	\$61,421
Cost of Issuance (Rev/GO Bonds)	\$81,894	\$0	\$0	\$0	\$0	\$81,894
Debt Reserve Fund (Rev Bond)	\$367,967	\$0	\$0	\$0	\$0	\$367,967
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$4,605,996	\$0	\$0	\$0	\$0	\$4,605,996

Estimated Life of Item (years):

75

Year of Estimate:

2018

Source of Estimate:

Staff

Estimated Annual operating Cost :

Program is for the repair and replacement of existing assets so no new or additional operating and maintenance costs are anticipated. This project may provide a net reduction in operating costs by reducing the maintenance needs of the existing deteriorated assets.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$4,605,996	\$0	\$0	\$0	\$0	\$4,605,996
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$4,605,996	\$0	\$0	\$0	\$0	\$4,605,996



Project Title: **2019 Annual Sanitary Sewer Interceptor Maintenance & Rehabilitation Program**

Version: **2019 Budget**

Project Year(s): **2019 to 2028**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-3122**

Contact Name: **Zachary Stueve**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$15,000,000**

Future Funding: **\$7,500,000**

Project # : **291078.00**

Current Status : **Board**

Project Description :
This program includes necessary system evaluations to determine preliminary design and potential rehabilitation strategies to implement for the sanitary interceptor sewer system. These actions will support compliance with Federal and State regulatory standards for combined sewer overflow impact removal of source (storm) water from sanitary sewer system(s) through the identification and planning effort for mitigating or eliminating inflow of stormwater, ground water and root infiltration.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,183,495	\$1,183,495	\$1,183,495	\$1,183,495	\$1,183,495	\$5,917,475
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$20,002	\$20,002	\$20,002	\$20,002	\$20,002	\$100,010
Cost of Issuance (Rev/GO Bonds)	\$26,670	\$26,670	\$26,670	\$26,670	\$26,670	\$133,350
Debt Reserve Fund (Rev Bond)	\$119,833	\$119,833	\$119,833	\$119,833	\$119,833	\$599,165
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2015

Source of Estimate:

WPC

Estimated Annual operating Cost :

Cost estimates are based on historical cost documentation.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000



Version: **2019 Budget**

Project Title: **2019 Annual Small Wastewater Pump Station Rehabilitation & Replacement Program**

Project Year(s): **2019 to 2028**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-3122**

Contact Name: **Zachary Stueve**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$15,000,000**

Future Funding: **\$7,500,000**

Project # : **291076.00**

Current Status : **Board**

Project Description :
This project includes but is not limited to complete or partial replacement and or rehabilitation of all required appurtenances to provide the complete safe and consistent functionality of these assets within the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,183,495	\$1,183,495	\$1,183,495	\$1,183,495	\$1,183,495	\$5,917,475
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$20,002	\$20,002	\$20,002	\$20,002	\$20,002	\$100,010
Cost of Issuance (Rev/GO Bonds)	\$26,670	\$26,670	\$26,670	\$26,670	\$26,670	\$133,350
Debt Reserve Fund (Rev Bond)	\$119,833	\$119,833	\$119,833	\$119,833	\$119,833	\$599,165
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2015

Source of Estimate:

Staff

Estimated Annual operating Cost :

Cost estimates are based on historical cost documentation.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000



Version: **2019 Budget**

Project Title: **2019 Annual Wastewater Lining & Replacement Program**

Project Year(s): **2019 to 2028**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$77,000,000**

Future Funding: **\$49,000,000**

Project # : **291072.00**

Current Status : **Board**

Project Description :

Sanitary sewer main lining and replacement projects focus on sewer lining and/or replacement of conduits and manholes deemed to have the most extensive cleaning, foaming, and repair histories in an effort to reduce the need for costly repairs and maintenance of failing wastewater mains, as well as address Environmental Protection Agency required inflow and infiltration elimination. This comprehensive replacement program improves the integrity of our sanitary infrastructure as well as ensures the required regulatory compliance. Individual projects may be combined in groups or administered separately as deemed necessary. This initiative is a regulatory requirement by the Kansas Department of Health and Environment and the Environmental Protection Agency for the elimination and reduction of inflow and infiltration and sanitary sewer overflow activity.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$266,989	\$355,985	\$444,981	\$711,971	\$711,971	\$2,491,897
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$2,400,000	\$3,200,000	\$4,000,000	\$6,400,000	\$6,400,000	\$22,400,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$40,005	\$53,340	\$66,675	\$106,680	\$106,680	\$373,380
Cost of Issuance (Rev/GO Bonds)	\$53,340	\$71,120	\$88,900	\$142,239	\$142,239	\$497,838
Debt Reserve Fund (Rev Bond)	\$239,666	\$319,555	\$399,444	\$639,110	\$639,110	\$2,236,885
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$3,000,000	\$4,000,000	\$5,000,000	\$8,000,000	\$8,000,000	\$28,000,000

Estimated Life of Item (years):

100

Year of Estimate:

2013

Source of Estimate:

Staff

Estimated Annual operating Cost :

Program is for the repair and replacement of existing assets so no new operating and maintenance costs are anticipated.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$3,000,000	\$4,000,000	\$5,000,000	\$8,000,000	\$8,000,000	\$28,000,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$3,000,000	\$4,000,000	\$5,000,000	\$8,000,000	\$8,000,000	\$28,000,000



Version: **2019 Budget**

Project Title: **Oakland Aerator & Mixing Replacement**

Project Year(s): **2019 to 2020**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New and Repair/Replace**

Project Location: **Oakland Wastewater Treatment**

Category: **Utilities**

Contact Phone: **368-4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$5,000,000**

Total Funding: **\$6,237,350**

Future Funding: **\$0**

Project # : **291060.00**

Current Status : **Board**

Project Description :
This project includes the planning, design and rehabilitation and or replacement of the gear box, mixers, electrical and controls and all appurtenances associated with the Oakland Wastewater Treatment Plant aeration basins. The existing equipment is failing and is outside of the warranty period. This project will allow the City to determine the best design and implementation for the appropriate corrective action. This equipment is essential to the biological treatment of the treatment plant and required to stay in compliance with regulatory permitting.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Contingency	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$16,500	\$0	\$0	\$0	\$0	\$16,500
Cost of Issuance (Rev/GO Bonds)	\$22,000	\$0	\$0	\$0	\$0	\$22,000
Debt Reserve Fund (Rev Bond)	\$98,850	\$0	\$0	\$0	\$0	\$98,850
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,237,350	\$0	\$0	\$0	\$0	\$1,237,350

Estimated Life of Item (years):

25

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Anticipated decrease in operating cost.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$1,237,350	\$0	\$0	\$0	\$0	\$1,237,350
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,237,350	\$0	\$0	\$0	\$0	\$1,237,350



Version: **2019 Budget**

Project Title: **Oakland WWTP Solids Handling Upgrades Phase II**

Project Year(s): **2019 to 2020**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New and Repair/Replace**

Project Location: **Oakland Wastewater Treatment**

Category: **Utilities**

Contact Phone: **368-4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$20,023,274**

Total Funding: **\$22,687,421**

Future Funding: **\$0**

Project # : **291018.02**

Current Status : **Board**

Project Description :

This project will include final design and construction of new equipment and all associated appurtenances concerning the dewatering and biogas reuse at the Oakland Wastewater Treatment Plant. The project will include but not limited to the replacement and or new installation of all applicable appurtenant equipment, mechanical and electrical controls, methane gas capture and reuse, valving, pipeline, structures necessary to improve the process of removing and drying solid matter and reuse of the methane gas generated as a natural by-product in the treatment of wastewater. The project will allow for a more efficient generation and reuse of the methane gas and provide for a revenue generating environmental benefit to the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$800,000	\$0	\$0	\$0	\$0	\$800,000
Construction/Service Fees	\$1,568,418	\$0	\$0	\$0	\$0	\$1,568,418
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$35,526	\$0	\$0	\$0	\$0	\$35,526
Cost of Issuance (Rev/GO Bonds)	\$47,368	\$0	\$0	\$0	\$0	\$47,368
Debt Reserve Fund (Rev Bond)	\$212,835	\$0	\$0	\$0	\$0	\$212,835
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,664,147	\$0	\$0	\$0	\$0	\$2,664,147

Estimated Life of Item (years):

20

Year of Estimate:

2017

Source of Estimate:

Consultant December 2017

Estimated Annual operating Cost :

Operating costs will be included in the wastewater department annual budget

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$2,664,147	\$0	\$0	\$0	\$0	\$2,664,147
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,664,147	\$0	\$0	\$0	\$0	\$2,664,147



Version: 2019 Budget

Project Title: **2019 Annual WPC Facility Rehabilitation Program**

Project Year(s): **2019 to 2028**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **WPC**

Category: **Utilities**

Contact Phone: **785-368-4239**

Contact Name: **Sylvia Davis**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$10,000,000**

Future Funding: **\$5,000,000**

Project # : **291074.00**

Current Status : **Board**

Project Description :

This project comprises repair and/or replacement of aged and failing structures and equipment that are critical in the overall operation of the wastewater treatment process and includes rehabilitation and or repair including but not limited to safety and structural integrity concerns such as roofs, HVAC/Mechanical equipment, structural facades, stairs, railings, and other wastewater facility rehabilitation and repairs as needed to ensure the safety and overall operation of the sanitary facilities. Project efforts will reduce maintenance procedures and costs and prolong the useful life of existing Water Pollution Control Treatment Plant facilities in order to continue to meet state and federal regulations and ensure system reliability and public health and safety.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$808,996	\$808,996	\$808,996	\$808,996	\$808,996	\$4,044,980
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$13,335	\$13,335	\$13,335	\$13,335	\$13,335	\$66,675
Cost of Issuance (Rev/GO Bonds)	\$17,780	\$17,780	\$17,780	\$17,780	\$17,780	\$88,900
Debt Reserve Fund (Rev Bond)	\$79,889	\$79,889	\$79,889	\$79,889	\$79,889	\$399,445
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2015

Source of Estimate:

Staff

Estimated Annual operating Cost :

Program is for the repair and replacement of existing assets. This project will provide a net reduction in operating costs by reducing the maintenance needs of the existing deteriorated assets.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000



Version: **2019 Budget**

Project Title: **Oakland WWTP Sludge Thickening Process Upgrade**

Project Year(s): **2022 to 2023**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New**

Project Location: **Oakland WWTP**

Category: **Utilities**

Contact Phone: **368-4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$8,612,000**

Future Funding: **\$0**

Project # : **291091.00**

Current Status : **Board**

Project Description :

This project is for the design and installation of all equipment and appurtenances required to update the Thickening Process at the Oakland Wastewater Treatment Plant. The process thickens the waste activated sludge and then is pumped to the Anaerobic Digestion process. This is a key component in ensuring that the biological requirement limits of the Plant effluent discharge continue to be met. The existing system is approximately 50 years old. Due to the antiquated system both in age and technology it is becoming more costly to continue to perform effective maintenance to ensure the most efficient process is met.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$450,000	\$450,000	\$900,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$3,040,019	\$3,040,019	\$6,080,038
Contingency	\$0	\$0	\$0	\$338,000	\$338,000	\$676,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$57,420	\$57,420	\$114,840
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$76,560	\$76,560	\$153,120
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$344,001	\$344,001	\$688,002
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$4,306,000	\$4,306,000	\$8,612,000

Estimated Life of Item (years):

50

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Operating costs would decrease due to the efficiencies in technological and process efficiencies through this project.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$4,306,000	\$4,306,000	\$8,612,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$4,306,000	\$4,306,000	\$8,612,000



Version: 2019 Budget

Project Title: **Oakland Backup Generators**

Project Year(s): **2021 to 2021**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New**

Project Location: **Oakland WWTP**

Category: **Utilities**

Contact Phone: **368.425100**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$5,497,000**

Future Funding: **\$0**

Project # : **291090.00**

Current Status : **Board**

Project Description :
This project includes design and installation of self-contained emergency backup power systems for the specified process locations at waste water treatment plant. The backup power systems and all appurtenances including but not limited to, power generation, automatic transfer switch, fuel storage and power system status to the treatment plant's SCADA system. Power failures to the wastewater treatment plant could result in noncompliance due to the inability to meet regulatory treatment standards in addition to possible overflows of untreated wastewater from the Oakland WWTP. This project would provide a redundant power source at the critical asset locations of the treatment plant in the event of a power outage. These locations include the Aeration system, Solids Handling, Disinfection system and the Digester process system. This initiative is a regulatory requirement by the Kansas Department of Health and Environment and the Environmental Protection Agency.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$560,000	\$0	\$0	\$560,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$3,926,814	\$0	\$0	\$3,926,814
Contingency	\$0	\$0	\$400,000	\$0	\$0	\$400,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$73,302	\$0	\$0	\$73,302
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$97,736	\$0	\$0	\$97,736
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$439,148	\$0	\$0	\$439,148
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$5,497,000	\$0	\$0	\$5,497,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Decrease due to efficiencies and providing regulatory safeguards to continue to perform basic treatment requirements for the effluent (discharge) flows.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$5,497,000	\$0	\$0	\$5,497,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$5,497,000	\$0	\$0	\$5,497,000



Version: **2019 Budget**

Project Title: **WPC SCADA System Upgrade**

Project Year(s): **2019 to 2023**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **785-368-3122**

Contact Name: **Zachary Stueve**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$4,050,000**

Future Funding: **\$0**

Project # : **291088.00**

Current Status : **Board**

Project Description :
This project is for the upgrade of Water Pollution Control associated SCADA controls throughout the city.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Contingency	\$60,087	\$60,087	\$60,087	\$60,087	\$60,087	\$300,435
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$10,801	\$10,801	\$10,801	\$10,801	\$10,801	\$54,005
Cost of Issuance (Rev/GO Bonds)	\$14,402	\$14,402	\$14,402	\$14,402	\$14,402	\$72,010
Debt Reserve Fund (Rev Bond)	\$64,710	\$64,710	\$64,710	\$64,710	\$64,710	\$323,550
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$810,000	\$810,000	\$810,000	\$810,000	\$810,000	\$4,050,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$810,000	\$810,000	\$810,000	\$810,000	\$810,000	\$4,050,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$810,000	\$810,000	\$810,000	\$810,000	\$810,000	\$4,050,000



Version: **2019 Budget**

Project Title: **Combined Sewer Overflow Plan**

Project Year(s): **2019 to 2021**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New and Repair/Replace**

Project Location: **Sanitary Collection System City**

Category: **Utilities**

Contact Phone: **368.425100**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,025,000**

Future Funding: **\$0**

Project # : **291046.00**

Current Status : **Board**

Project Description :

This project will include evaluation and revision of the City's Combined System Overflow (CSO) Long Term Control Plan (LTCP) for the reduction/elimination of CSOs. Previously, combined sewer systems were common and reasonable in certain municipalities, including Topeka, to collect both wastewater and stormwater in a single system. However, combined City expansion and aging infrastructure has decreased the structural and performance reliability of such a system.

It is anticipated that this effort will include further evaluation of the sanitary sewer collection system hydrologic and hydraulic model and levels of service and control for the combined sanitary and storm sewer system. This effort will enable the City to identify further projects needed to accomplish the required CSO reduction/elimination. Amendments to the LTCP will consider feasibility and financial capability of the City and will allow the City flexibility in the assessment of additional modifications of the LTCP as necessary. The City is obligated to reduce/eliminate CSOs under Kansas Department of Health and Environment (KDHE) regulations.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$675,000	\$675,000	\$675,000	\$0	\$0	\$2,025,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$675,000	\$675,000	\$675,000	\$0	\$0	\$2,025,000

Estimated Life of Item (years):

75

Year of Estimate:

2017

Source of Estimate:

Consultant

Estimated Annual operating Cost :

Operating costs will be included in the wastewater department annual budget

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$675,000	\$675,000	\$675,000	\$0	\$0	\$2,025,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$675,000	\$675,000	\$675,000	\$0	\$0	\$2,025,000



Project Title: **Eastside Interceptor Combined Sewer Overflow#3 to Ash Street Pump Stration**

Version: **2019 Budget**

Project Year(s): **2018 to 2020**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New**

Project Location: **Along River Rd, Hills-Ash Street PS**

Category: **Utilities**

Contact Phone: **368-4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$900,000**

Total Funding: **\$14,383,655**

Future Funding: **\$0**

Project # : **291050.00**

Current Status : **Board**

Project Description :
This project is for the design and construction of all rehabilitation efforts related to the existing interceptor sewer, new structures and appurtenances between combined sewer overflow (CSO) #7 and the Ash Street Pump Station. This project would include environmental assessment and or remediation, geotechnical, survey, land acquisition, easements, permitting both internal and outside permitting agencies, design and construction efforts. The project is intended to reduce and or eliminate CSO and sanitary sewer overflow (SSO) activities and to stay within the Rehabilitation and CSO initiative as approved by state and federal regulations. This project is part of the current Consent Order administered through the Kansas Department of Health and Environment (KDHE). It is identified in the Long Term Control Plan (LTCP) for the City of Topeka.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$6,155,736	\$5,065,000	\$0	\$0	\$0	\$11,220,736
Contingency	\$300,000	\$300,000	\$0	\$0	\$0	\$600,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$110,336	\$80,475	\$0	\$0	\$0	\$190,811
Cost of Issuance (Rev/GO Bonds)	\$147,115	\$107,300	\$0	\$0	\$0	\$254,415
Debt Reserve Fund (Rev Bond)	\$735,573	\$482,120	\$0	\$0	\$0	\$1,217,693
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$7,448,760	\$6,034,895	\$0	\$0	\$0	\$13,483,655

Estimated Life of Item (years):

25-50

Year of Estimate:

2012

Source of Estimate:

PEC Consultant

Estimated Annual operating Cost :

Cost estimates are based on consultants study provided in 2011.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$7,448,760	\$6,034,895	\$0	\$0	\$0	\$13,483,655
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$7,448,760	\$6,034,895	\$0	\$0	\$0	\$13,483,655



Version: **2019 Budget**

Project Title: **Grant/Jefferson Pump Station Rehabilitation**

Project Year(s): **2018 to 2019**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **Grant Street and Jefferson Street**

Category: **Utilities**

Contact Phone: **368-4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$1,321,000**

Total Funding: **\$10,321,000**

Future Funding: **\$0**

Project # : **291061.00**

Current Status : **Board**

Project Description :

Rehabilitation and or replacement of the Grant/Jefferson Pump Station will include, but is not limited to, the planning, temporary flow monitoring, geotechnical, design, easement and or land acquisition, all required permitting both internal and outside agencies, and construction efforts required to replace the wet well, pumps, bar screen, controls, communication and electrical service and all necessary appurtenances for the Grant/Jefferson Pump Station, as necessary. Data compiled from flow monitoring and flow studies of the North Topeka Sanitary Sewers that flow to the Grant/Jefferson Pump Station demonstrated the need for improvements to ensure continued service. This project is part of the Long Term Control Plan (LTCP) as submitted to the Kansas Department of Health and Environment (KDHE). This effort will allow the City to provide more reliable service to our customers within this drainage area.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$8,000,967	\$0	\$0	\$0	\$0	\$8,000,967
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$120,015	\$0	\$0	\$0	\$0	\$120,015
Cost of Issuance (Rev/GO Bonds)	\$160,019	\$0	\$0	\$0	\$0	\$160,019
Debt Reserve Fund (Rev Bond)	\$718,999	\$0	\$0	\$0	\$0	\$718,999
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$9,000,000	\$0	\$0	\$0	\$0	\$9,000,000

Estimated Life of Item (years):

25

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Annual Operating Cost Estimate based on researched approximation provided by Water Pollution Control Operations and Maintenance Management Staff.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$9,000,000	\$0	\$0	\$0	\$0	\$9,000,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$9,000,000	\$0	\$0	\$0	\$0	\$9,000,000



Version: **2019 Budget**

Project Title: **North Topeka Pump Station Rehabilitation**

Project Year(s): **2021 to 2021**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **1600 NW Button Rd**

Category: **Utilities**

Contact Phone: **368-4239**

Contact Name: **Sylvia Davis**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,846,000**

Future Funding: **\$0**

Project # : **291087.00**

Current Status : **Board**

Project Description :

Project will include the planning, design and construction replacement and or rehabilitation efforts for the North Topeka Pump Station including required regulatory upgrades associated with sanitary and combined sewer overflows, modification of the wet well, pumps, controls and electrical systems and appurtenances. This is an aging buried can station hence the integrity is questionable due to large amounts of deterioration in several areas. The existing equipment has become antiquated and should be replaced with an upgraded more efficient operation system to ensure the reliability of the asset.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$284,600	\$0	\$0	\$284,600
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$2,222,889	\$0	\$0	\$2,222,889
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$37,612	\$0	\$0	\$37,612
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$50,150	\$0	\$0	\$50,150
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$250,749	\$0	\$0	\$250,749
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$2,846,000	\$0	\$0	\$2,846,000

Estimated Life of Item (years):

TBD

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Annual Operating Cost Estimate based on researched approximation provided by Water Pollution Control Operations and Maintenance Management Staff.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$2,846,000	\$0	\$0	\$2,846,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$2,846,000	\$0	\$0	\$2,846,000



Version: **2019 Budget**

Project Title: **North Topeka Waste Water Treatment Plant Nutrient Removal**

Project Year(s): **2022 to 2022**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **Repair/Replace**

Project Location: **1600 N Button Rd.**

Category: **Utilities**

Contact Phone: **368-4239**

Contact Name: **Sylvia Davis**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$6,363,627**

Future Funding: **\$0**

Project # : **291052.00**

Current Status : **Board**

Project Description :
Rehabilitate and update sewage treatment plant equipment including required nutrient removal upgrade options. The North Topeka Plant has been on line for close to 20 years and is starting to deteriorate. Some of the processes that the North Topeka Plant performs are becoming obsolete and will need to be updated along with the Plant rehabilitation. The current capabilities of the treatment plant do not meet the new, more stringent, State and Federal regulatory requirements.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$600,000	\$0	\$600,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$4,632,241	\$0	\$4,632,241
Contingency	\$0	\$0	\$0	\$425,000	\$0	\$425,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$84,859	\$0	\$84,859
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$113,145	\$0	\$113,145
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$508,382	\$0	\$508,382
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$6,363,627	\$0	\$6,363,627

Estimated Life of Item (years):

25-50

Year of Estimate:

2005

Source of Estimate:

WPC

Estimated Annual operating Cost :

Costs estimates are based on operation and maintenance estimates from 2005.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$6,363,627	\$0	\$6,363,627
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$6,363,627	\$0	\$6,363,627



Version: **2019 Budget**

Project Title: **Oakland Wastewater Treatment Plant Ultraviolet Expansion**

Project Year(s): **2019 to 2020**

Dept/Div: **62530 - UTILITIES-WASTEWATER**

Type: **New**

Project Location: **1115 NE Poplar**

Category: **Utilities**

Contact Phone: **368-4251**

Contact Name: **Michelle Neiswender**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$5,486,362**

Future Funding: **\$0**

Project # : **291062.00**

Current Status : **Board**

Project Description :

This project includes but not limited to the installation of an ultraviolet (UV) system to provide the required disinfection of peak wet weather flow (75 MGD) prior to discharge into the Kansas River. This project will also include all necessary modifications to the existing wet weather conveyance structure to accommodate upgrades including geometrical, electrical and instrumentation in the currently available UV equipment. This project is a regulatory requirement to meet upcoming changes in required permit mandates. It is also identified in the current Consent Agreement with the Kansas Department of Health and Environment.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$300,000	\$505,891	\$0	\$0	\$0	\$805,891
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,932,159	\$1,817,841	\$0	\$0	\$0	\$3,750,000
Contingency	\$150,000	\$150,000	\$0	\$0	\$0	\$300,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$35,732	\$37,106	\$0	\$0	\$0	\$72,838
Cost of Issuance (Rev/GO Bonds)	\$47,643	\$49,475	\$0	\$0	\$0	\$97,118
Debt Reserve Fund (Rev Bond)	\$238,216	\$222,299	\$0	\$0	\$0	\$460,515
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,703,750	\$2,782,612	\$0	\$0	\$0	\$5,486,362

Estimated Life of Item (years):

25 Yrs.

Year of Estimate:

2011

Source of Estimate:

Consultant

Estimated Annual operating Cost :

Cost estimates are based on 2011 consultant study and Water Pollution Control operations estimates.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$2,703,750	\$2,782,612	\$0	\$0	\$0	\$5,486,362
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,703,750	\$2,782,612	\$0	\$0	\$0	\$5,486,362



Water Projects



Project Title: **Annual Water Plant Operations Equipment & Fleet Maintenance & Replacement Program**

Version: **2019 Budget**

Project Year(s): **2019 to 2028**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **368-4233**

Contact Name: **Bob Sample**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$4,000,000**

Future Funding: **\$2,000,000**

Project # : **281124.00**

Current Status : **Board**

Project Description :

The purpose of this program is to establish a capital equipment plan for the repair and replacement of City Water Plant equipment and vehicles. This program will limit unexpected large capital expenditures and control the overall cost of operating and maintaining this equipment. This program also ensures that equipment does not become outdated and is maintained in a manner that extends the useful life of these assets and reduces maintenance costs through improved equipment reliability and productivity. This program will minimize annual operating cost increases associated with fleet and plan equipment assets.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

Estimated Life of Item (years):

N/A

Year of Estimate:

2014

Source of Estimate:

O&M

Estimated Annual operating Cost :

This is an annual operating and maintenance program. Estimated operating cost is the total cost for this program.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000



Version: 2019 Budget

Project Title: **Disinfection Modification Phase I**

Project Year(s): **2022 to 2022**

Dept/Div: **62130 - UTILITIES-WATER**

Type: **New**

Project Location: **Water Treatment Plant**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$8,560,000**

Future Funding: **\$0**

Project # : **281037.02**

Current Status : **Board**

Project Description :
Chlorine has been added to drinking water for over 100 years to kill potentially dangerous microorganisms and make water safe to drink. It has been discovered that by-products (referred to as TTHM's and HAAs) are created by the reaction between the chlorine and naturally occurring organic material in the water. The Environmental Protection Agency (EPA) has determined the possibility exists that some people who drink water containing high levels of TTHMs and HAAs over a lifetime may have increased risk of getting cancer. Because of this potential, EPA established two stages for implementation of regulations intended to reduce these levels. The Water Utility has been testing for HAAs for over 10 years, and with some inexpensive adjustments in the treatment processes have been able to maintain compliance. However, with the Stage II Regulations beginning April 1, 2012, the number of sample locations and calculation methods have changed such that we would have been in violation during those prior 10 years. As a result, a detailed study was made of alternative methods and costs to assure compliance with the new requirements. If the requirements for cryptosporidium should affect the city's water, additional treatment would be necessary.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$1,509,000	\$0	\$1,509,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$5,888,000	\$0	\$5,888,000
Contingency	\$0	\$0	\$0	\$144,850	\$0	\$144,850
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$113,128	\$0	\$113,128
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$150,837	\$0	\$150,837
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$754,185	\$0	\$754,185
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$8,560,000	\$0	\$8,560,000

Estimated Life of Item (years):

20 - 50

Year of Estimate:

2017

Source of Estimate:

Consultant Engineer

Estimated Annual operating Cost :

Annual estimated operating cost will be included in operating budget for the Water Treatment Facility. Estimate of cost is based on results of a detailed Engineering Study.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$8,560,000	\$0	\$8,560,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$8,560,000	\$0	\$8,560,000



Version: 2019 Budget

Project Title: **Disinfection Modification Phase II**

Project Year(s): **2023 to 2023**

Dept/Div: **62130 - UTILITIES-WATER**

Type: **New**

Project Location: **WT Plant;3245 NW Waterworks Dr**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$9,705,000**

Future Funding: **\$0**

Project # : **281037.03**

Current Status : **Board**

Project Description :

Chlorine has been added to drinking water for over 100 years to kill potentially dangerous microorganisms and make water safe to drink. It has been discovered that by-products (referred to as TTHM's and HAAs) are created by the reaction between the chlorine and naturally occurring organic material in the water. The Environmental Protection Agency (EPA) has determined the possibility exists that some people who drink water containing high levels of TTHMs and HAAs over a lifetime may have increased risk of getting cancer. Because of this potential, EPA established two stages for implementation of regulations intended to reduce these levels. The Water Utility has been testing for HAAs for over 10 years, and with some inexpensive adjustments in the treatment processes have been able to maintain compliance. However, with the Stage II Regulations beginning April 1, 2012, the number of sample locations and calculation methods have changed such that we would have been in violation during those prior 10 years. As a result, a detailed study was made of alternative methods and costs to assure compliance with the new Requirements. If the requirements for cryptosporidium should affect the city's water, additional treatment would be necessary.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$775,000	\$775,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$7,632,000	\$7,632,000
Contingency	\$0	\$0	\$0	\$0	\$143,661	\$143,661
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$128,260	\$128,260
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$171,013	\$171,013
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$855,066	\$855,066
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$9,705,000	\$9,705,000

Estimated Life of Item (years):

20 - 50

Year of Estimate:

2017

Source of Estimate:

Consultant Engineer

Estimated Annual operating Cost :

Annual estimated operating cost will be included in operating budget for the Water Treatment Facility. Estimate of cost is based on results of a detailed Engineering Study.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$9,705,000	\$9,705,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$9,705,000	\$9,705,000



Version: **2019 Budget**

Project Title: **Soldier Township Improvements & Optimization**

Project Year(s): **2019 to 2019**

Dept/Div: **62130 - UTILITIES-WATER**

Type: **New**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$864,000**

Future Funding: **\$0**

Project # : **281106.00**

Current Status : **Board**

Project Description :

Projects under this program were identified under the 2017 Water Distribution System Master Plan. Projects under this program will replace transmission mains and upsize existing lines for capacity purposes for the Southeast Pressure Zone. Improvements to the transmission system will be made by creating looped water lines in an effort to improve water distribution and fire protection.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$64,000	\$0	\$0	\$0	\$0	\$64,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$640,000	\$0	\$0	\$0	\$0	\$640,000
Contingency	\$57,233	\$0	\$0	\$0	\$0	\$57,233
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$11,419	\$0	\$0	\$0	\$0	\$11,419
Cost of Issuance (Rev/GO Bonds)	\$15,225	\$0	\$0	\$0	\$0	\$15,225
Debt Reserve Fund (Rev Bond)	\$76,123	\$0	\$0	\$0	\$0	\$76,123
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$864,000	\$0	\$0	\$0	\$0	\$864,000

Estimated Life of Item (years):

75 -100

Year of Estimate:

2017

Source of Estimate:

Water

Estimated Annual operating Cost :

Annual estimated operating cost will be included in operating budget for Water Distribution. Estimate of cost is based on results of a detailed Engineering Study and past bid prices.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$864,000	\$0	\$0	\$0	\$0	\$864,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$864,000	\$0	\$0	\$0	\$0	\$864,000



Version: **2019 Budget**

Project Title: **Annual Water Main Replacement Program**

Project Year(s): **2019 to 2028**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$51,500,000**

Future Funding: **\$32,000,000**

Project # : **281112.00**

Current Status : **Board**

Project Description :

The Water Main Replacement Program focuses on restoring mains located in areas with extensive break and repair histories. In recent years, water main breaks have become more prevalent due to the aging infrastructure. Based on historic studies and experience in the United States, the average useful life for water mains ranges between 75-100 years, depending upon local (soil and environmental) conditions. Beyond this period, failure is imminent. Topeka's water distribution system consists of nearly 870 miles of transmission and neighborhood distribution water mains ranging in size from 2 to 48 inches in diameter. Assuming the optimal asset life span of 100 years, an annual replacement program approaching eight plus (8.0) miles per year is required to mitigate continued progressive water main break rates. Replacement program efforts will also focus on needed replacements associated with half cent sales tax and other priority street improvement projects to be implemented by the City Engineering Division.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$350,000	\$400,000	\$400,000	\$400,000	\$400,000	\$1,950,000
Right of Way	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Construction/Service Fees	\$2,500,000	\$2,850,000	\$2,850,000	\$2,850,000	\$2,850,000	\$13,900,000
Contingency	\$133,700	\$174,229	\$174,229	\$174,229	\$174,229	\$830,616
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$61,674	\$70,485	\$70,485	\$70,485	\$70,485	\$343,614
Debt Reserve Fund (Rev Bond)	\$46,256	\$52,863	\$52,863	\$52,863	\$52,863	\$257,708
Capitalized Interest	\$308,370	\$352,423	\$352,423	\$352,423	\$352,423	\$1,718,062
	\$3,500,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$19,500,000

Estimated Life of Item (years):

75-100

Year of Estimate:

2017

Source of Estimate:

Water

Estimated Annual operating Cost :

By replacing existing aging water main, the replacement program will save operational costs to maintain the water distribution system

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$3,500,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$19,500,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$3,500,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$19,500,000



Version: **2019 Budget**

Project Title: **Annual Water Treatment Plant Rehabilitation Program**

Project Year(s): **2019 to 2028**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **Repair/Replace**

Project Location: **Water Treatment Plant**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$10,000,000**

Future Funding: **\$5,000,000**

Project # : **281114.00**

Current Status : **Board**

Project Description :

This project comprises repair and/or replacement of aged and failing structures and equipment that are critical in the overall operation of the water treatment process and includes rehabilitation of six filters, correcting deficiencies in motor control centers and electrical equipment, correcting deficiencies in mechanical equipment, repairing concrete deterioration, repairing leaky roofs at the Water Treatment Plant buildings, replacement of inoperative valves on high lift pumping and other water facility rehabilitation and repair. Project efforts will reduce maintenance procedures and costs and prolong the useful life of existing Water Treatment Plant facilities in order to continue to meet state and federal regulations for safe drinking water and ensure the City's ability to provide an adequate and reliable supply for city residents, commercial and private developments, and committed wholesale customers.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
Contingency	\$51,057	\$51,057	\$51,057	\$51,057	\$51,057	\$255,285
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$13,216	\$13,216	\$13,216	\$13,216	\$13,216	\$66,080
Cost of Issuance (Rev/GO Bonds)	\$17,621	\$17,621	\$17,621	\$17,621	\$17,621	\$88,105
Debt Reserve Fund (Rev Bond)	\$88,106	\$88,106	\$88,106	\$88,106	\$88,106	\$440,530
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000

Estimated Life of Item (years):

20-40

Year of Estimate:

2017

Source of Estimate:

Water

Estimated Annual operating Cost :

Proposed rehabilitation will replace outdated and inefficient electrical, mechanical, and chemical handling equipment, and will not have an impact on annual operating costs.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000



Version: **2019 Budget**

Project Title: **East Filters Rehabilitation Phase II**

Project Year(s): **2019 to 2019**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New and Repair/Replace**

Project Location: **Water Treatment Plant**

Category: **Utilities**

Contact Phone: **785-368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$5,185,000**

Future Funding: **\$0**

Project # : **281102.01**

Current Status : **Board**

Project Description :
The rehabilitation includes replacement of the dual media, air wash and underdrain system. The design lifecycle of the media has been exceeded and there are a number of particular agglomerates that can foul the filter. By replacing the media, the agglomeration that has occurred will be removed from the filter. An updated air wash system can help eliminate agglomeration and extend the design lifecycle of the new media. Project will include structural repairs to the East Filters. This project was identified as part of the 2017 Water Treatment Plant Master Plan.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$5,185,000	\$0	\$0	\$0	\$0	\$5,185,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$5,185,000	\$0	\$0	\$0	\$0	\$5,185,000

Estimated Life of Item (years):
10-50

Year of Estimate:
2017

Source of Estimate:
Consultant Engineer

Estimated Annual operating Cost :
Annual estimated operating cost will be included in operating budget for the Water Treatment Facility. Estimate of cost is based on results of a detailed Engineering Study.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$5,185,000	\$0	\$0	\$0	\$0	\$5,185,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$5,185,000	\$0	\$0	\$0	\$0	\$5,185,000



Version: **2019 Budget**

Project Title: **Supervisory Control and Data Acquisition (SCADA) Upgrades**

Project Year(s): **2019 to 2023**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **368-1958**

Contact Name: **Eric Carman**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$3,875,000**

Future Funding: **\$0**

Project # : **281158.00**

Current Status : **Board**

Project Description :
Upgrade existing plant and pump station PLCs to replace with the latest model. Replace legacy Industrial Control Systems (ICS) server hardware. Upgrade the Human Machine Interface (HMI) for the ICS to Wonderware. Upgrade the distribution system radio network from 900 MHz to a 2.4 GHz mesh network. Upgrade the ICS security systems. Add a new conditioned network room for the ICS and City IT fiber networks. This project was identified under the 2017 Water Treatment Plant Master Plan.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$470,000	\$0	\$0	\$0	\$0	\$470,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$142,720	\$682,820	\$682,820	\$682,820	\$682,820	\$2,874,000
Contingency	\$70,100	\$0	\$0	\$0	\$0	\$70,100
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$10,242	\$10,242	\$10,242	\$10,242	\$10,242	\$51,210
Cost of Issuance (Rev/GO Bonds)	\$13,656	\$13,656	\$13,656	\$13,656	\$13,656	\$68,280
Debt Reserve Fund (Rev Bond)	\$68,282	\$68,282	\$68,282	\$68,282	\$68,282	\$341,410
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$775,000	\$775,000	\$775,000	\$775,000	\$775,000	\$3,875,000

Estimated Life of Item (years):
10

Year of Estimate:
2017

Source of Estimate:
Consultant Engineer

Estimated Annual operating Cost :
Annual estimated operating cost will be included in operating budget for the Water Treatment Facility. Estimate of cost is based on results of a detailed Engineering Study.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$775,000	\$775,000	\$775,000	\$775,000	\$775,000	\$3,875,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$775,000	\$775,000	\$775,000	\$775,000	\$775,000	\$3,875,000



Version: **2019 Budget**

Project Title: **Water Treatment Modification**

Project Year(s): **2019 to 2019**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New**

Project Location: **Water Treatment Plant**

Category: **Utilities**

Contact Phone: **3681966**

Contact Name: **Jack Mason**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,213,250**

Future Funding: **\$0**

Project # : **281160.00**

Current Status : **Board**

Project Description :
Make improvements to the East Plant for taste and odor and disinfection byproducts improvements.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,600,000	\$0	\$0	\$0	\$0	\$1,600,000
Contingency	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$29,250	\$0	\$0	\$0	\$0	\$29,250
Cost of Issuance (Rev/GO Bonds)	\$39,000	\$0	\$0	\$0	\$0	\$39,000
Debt Reserve Fund (Rev Bond)	\$195,000	\$0	\$0	\$0	\$0	\$195,000
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,213,250	\$0	\$0	\$0	\$0	\$2,213,250

Estimated Life of Item (years):
10-50

Year of Estimate:
2017

Source of Estimate:
Water

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$2,213,250	\$0	\$0	\$0	\$0	\$2,213,250
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,213,250	\$0	\$0	\$0	\$0	\$2,213,250



Version: 2019 Budget

Project Title: **West Plant Basin Rehabilitation**

Project Year(s): **2021 to 2021**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New and Repair/Replace**

Project Location: **Water Treatment Plant**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$15,549,000**

Future Funding: **\$0**

Project # : **281164.00**

Current Status : **Board**

Project Description :

This project includes structural repairs, modifications and replacement of equipment of the West Plant at the Water Treatment Plant. Structural repairs and modifications including Primary Flocculation Basin, Primary Clarification Basins No. 1 and 2, Secondary Flocculation Basin, Secondary Clarification Basin, Recarbonation Basin, Final Recarbonation Basin, West Lime Facility, and tunnel structural repairs. Basin equipment replacement including demolition of existing equipment, Primary Flocculation Basin, Primary Clarification Basins No. 1 and 2, Secondary Clarification Basin, Polymer Basin, wooden baffles with FRP, basin effluent launders, basin drain valves, basin washdown piping and valves, and electrical and lighting improvements.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$1,891,000	\$0	\$0	\$1,891,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$11,554,000	\$0	\$0	\$11,554,000
Contingency	\$0	\$0	\$254,678	\$0	\$0	\$254,678
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$205,480	\$0	\$0	\$205,480
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$273,974	\$0	\$0	\$273,974
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$1,369,868	\$0	\$0	\$1,369,868
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$15,549,000	\$0	\$0	\$15,549,000

Estimated Life of Item (years):

10-30

Year of Estimate:

2017

Source of Estimate:

Consultant Engineer

Estimated Annual operating Cost :

Annual estimated operating cost will be included in operating budget for the Water Treatment Facility. Estimate of cost is based on results of a detailed Engineering Study.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$15,549,000	\$0	\$0	\$15,549,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$15,549,000	\$0	\$0	\$15,549,000



Version: **2019 Budget**

Project Title: **West Intake Rehabilitation**

Project Year(s): **2020 to 2020**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New and Repair/Replace**

Project Location: **Water Treatment Plant**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$4,100,000**

Future Funding: **\$0**

Project # : **281165.00**

Current Status : **Board**

Project Description :
This project will include structural repairs and modifications along with repairs and replacement of mechanical equipment of the West Intake at the Water Treatment Plant. Structural repairs and modifications will include concrete crack and spall repair on entire structure, repair structural steel and replace top slab of access bridge, grout and pin sheet piling on leading edge of bank, replace all grating, grating support structures, stairs, ladders and guardrails. Mechanical equipment repairs and replacement will include screen housing, external jib crane, screens including frames, sluice gate operators, valves and actuators in lower level, piping and miscellaneous metals, motor control center, and electrical and lighting.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$492,000	\$0	\$0	\$0	\$492,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$3,004,000	\$0	\$0	\$0	\$3,004,000
Contingency	\$0	\$116,334	\$0	\$0	\$0	\$116,334
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$54,185	\$0	\$0	\$0	\$54,185
Cost of Issuance (Rev/GO Bonds)	\$0	\$72,247	\$0	\$0	\$0	\$72,247
Debt Reserve Fund (Rev Bond)	\$0	\$361,234	\$0	\$0	\$0	\$361,234
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$4,100,000	\$0	\$0	\$0	\$4,100,000

Estimated Life of Item (years):
10-35

Year of Estimate:
2017

Source of Estimate:
Consultant Engineer

Estimated Annual operating Cost :

Annual estimated operating cost will be included in operating budget for the Water Treatment Facility. Estimate of cost is based on results of a detailed Engineering Study.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$4,100,000	\$0	\$0	\$0	\$4,100,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$4,100,000	\$0	\$0	\$0	\$4,100,000



Version: **2019 Budget**

Project Title: **Chemical Building Rehabilitation**

Project Year(s): **2023 to 2023**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New and Repair/Replace**

Project Location: **Water Treatment Plant**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$900,000**

Future Funding: **\$0**

Project # : **281166.00**

Current Status : **Board**

Project Description :
This project will include structural repairs and modifications, mechanical equipment demolition and replacement and electrical and lighting improvements for the Chemical Feed Building at the Water Treatment Plant. This project was identified as part of the 2017 Water Treatment Plant Master Plan.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$131,000	\$131,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$661,952	\$661,952
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$11,894	\$11,894
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$15,859	\$15,859
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$79,295	\$79,295
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$900,000	\$900,000

Estimated Life of Item (years):
10-50

Year of Estimate:
2017

Source of Estimate:
Consultant Engineer

Estimated Annual operating Cost :
Annual estimated operating cost will be included in operating budget for the Water Treatment Facility. Estimate of cost is based on results of a detailed Engineering Study.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$900,000	\$900,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$900,000	\$900,000



Version: **2019 Budget**

Project Title: **Central Zone Improvements & Optimizations**

Project Year(s): **2020 to 2020**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New and Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,332,000**

Future Funding: **\$0**

Project # : **281161.00**

Current Status : **Board**

Project Description :

Projects under this program were identified under the 2017 Water Distribution System Master Plan. Projects under this program will replace transmission mains and upsize existing lines for capacity purposes for the Central Pressure Zone. Improvements to the transmission system will be made by creating looped water lines in an effort to improve water distribution and fire protection.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$175,000	\$0	\$0	\$0	\$175,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$1,750,000	\$0	\$0	\$0	\$1,750,000
Contingency	\$0	\$129,625	\$0	\$0	\$0	\$129,625
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$30,819	\$0	\$0	\$0	\$30,819
Cost of Issuance (Rev/GO Bonds)	\$0	\$41,093	\$0	\$0	\$0	\$41,093
Debt Reserve Fund (Rev Bond)	\$0	\$205,463	\$0	\$0	\$0	\$205,463
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$2,332,000	\$0	\$0	\$0	\$2,332,000

Estimated Life of Item (years):

75-100

Year of Estimate:

2017

Source of Estimate:

Consultant Engineer

Estimated Annual operating Cost :

Annual estimated operating cost will be included in operating budget for the Water Distribution. Estimate of cost is based on results of a detailed Engineering Study.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$2,332,000	\$0	\$0	\$0	\$2,332,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$2,332,000	\$0	\$0	\$0	\$2,332,000



Version: **2019 Budget**

Project Title: **Southeast Zone Improvements & Optimization**

Project Year(s): **2023 to 2023**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New and Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,548,000**

Future Funding: **\$0**

Project # : **281162.00**

Current Status : **Board**

Project Description :
Projects under this program were identified under the 2017 Water Distribution System Master Plan. Projects under this program will replace transmission mains and upsize existing lines for capacity purposes for the Southeast Pressure Zone. Improvements to the transmission system will be made by creating looped water lines in an effort to improve water distribution and fire protection.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$115,000	\$115,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$1,150,000	\$1,150,000
Contingency	\$0	\$0	\$0	\$0	\$98,876	\$98,876
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$20,458	\$20,458
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$27,278	\$27,278
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$136,388	\$136,388
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$1,548,000	\$1,548,000

Estimated Life of Item (years):
75-100

Year of Estimate:
2017

Source of Estimate:
Consultant Engineer

Estimated Annual operating Cost :
Annual estimated operating cost will be included in operating budget for Water Distribution. Estimate of cost is based on results of detailed Engineering Study and past bid prices.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$1,548,000	\$1,548,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$1,548,000	\$1,548,000



Version: **2019 Budget**

Project Title: **West Zone Improvements & Optimization**

Project Year(s): **2023 to 2023**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New and Repair/Replace**

Project Location: **Citywide**

Category: **Utilities**

Contact Phone: **368-2448**

Contact Name: **Paul Bodner**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,816,000**

Future Funding: **\$0**

Project # : **281163.00**

Current Status : **Board**

Project Description :
Projects under this program were identified under the 2017 Water Distribution System Master Plan. Projects under this program will replace transmission mains and upsize existing lines for capacity purposes for the West Pressure Zone. Improvements to the transmission system will be made by creating looped water lines in an effort to improve water distribution and fire protection.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$210,000	\$210,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$2,100,000	\$2,100,000
Contingency	\$0	\$0	\$0	\$0	\$171,057	\$171,057
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$37,216	\$37,216
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$49,621	\$49,621
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$248,106	\$248,106
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$2,816,000	\$2,816,000

Estimated Life of Item (years):
75-100

Year of Estimate:
2017

Source of Estimate:
Consultant Engineer

Estimated Annual operating Cost :
Annual estimated operating cost will be included in operating budget for Water Distribution. Estimate of cost is based on results of a detailed Engineering Study and past bid prices.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$2,816,000	\$2,816,000
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$2,816,000	\$2,816,000



Version: 2019 Budget

Project Title: **Utility Billing and Customer Service System**

Project Year(s): **2017 to 2019**

Dept/Div: **82130 - UTILITIES-WATER**

Type: **New**

Project Location: **Various**

Category: **Utilities**

Contact Phone: **368-2578**

Contact Name: **Sherry Schoonover**

Alternate Phone:

Previous Funding: **\$1,150,000**

Total Funding: **\$1,750,000**

Future Funding: **\$0**

Project # : **801013.00**

Current Status : **Board**

Project Description :
This project is for a Customer Information System (CIS) to replace the current AS400 Utility Billing system. The primary goals driving this change include:

1. Replace an aging Utility Billing application architecture and technology which is becoming more and more difficult to operate, maintain, and enhance.
2. Implement a CIS with emphasis on the Customer rather than a billing system with emphasis on the premise.
3. Accommodate future products, programs, and services which the City wants to offer its customers.
4. Streamline and align manual and automated business processes to facilitate more efficient business operations.
5. Support integration between the City's automated systems to provide for a single system of record for customer data and information and eliminate redundancy across systems.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$600,000	\$0	\$0	\$0	\$0	\$600,000

Estimated Life of Item (years):
8

Year of Estimate:
2016

Source of Estimate:
Staff

Estimated Annual operating Cost :
Annual SAAS pricing, approximately \$150,000

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$600,000	\$0	\$0	\$0	\$0	\$600,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$600,000	\$0	\$0	\$0	\$0	\$600,000



General Fund and Debt Service Cash Projects



Version: **2019 Budget**

Project Title: **City4 Upgrades**

Project Year(s): **2018 to 2027**

Dept/Div: **10102 - CITY MANAGER**

Type: **New**

Project Location: **City facilities**

Category: **Facilities**

Contact Phone: **785-368-3967**

Contact Name: **Renaldo Davis**

Alternate Phone:

Previous Funding: **\$70,000**

Total Funding: **\$770,000**

Future Funding: **\$350,000**

Project # : **861011.00**

Current Status : **Board**

Project Description :
This project is intended to continue the City Communication/ City4 upgrades by instituting a five-year equipment replacement program. The multi-year budget includes replacing audio and visual equipment, including upgrades to the Council Chambers and other A/V presentation systems to include, 620 Madison, Law Enforcement Center and other conference rooms used for recording and Cable Casting City Communications programming. This funding also helps replace and repair our computer and camera equipment. The desired outcome is to maintain a multimedia system compatible with today's communications standards. These standards are based on a five year equipment replacement program.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000

Estimated Life of Item (years):

5 years

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

This project is funded out of the department's operating budget and any additional operating expenses associated with this project will be covered therein.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000



Version: **2019 Budget**

Project Title: **Fire Hydrant Phase 2 (to 6th st.)**

Project Year(s): **2023 to 2024**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **New**

Project Location: **Topeka Zoo**

Category: **Facilities**

Contact Phone: **368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone: **506-3797**

Previous Funding: **\$0**

Total Funding: **\$500,000**

Future Funding: **\$250,000**

Project # : **301059.00**

Current Status : **Board**

Project Description :
Connecting the hydrant from the Southwest location outside Kay's Garden to 6th street. This second and final phase will allow for adequate fire protection for all zoo buildings.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$250,000	\$250,000

Estimated Life of Item (years):

75

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Minimal

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$250,000	\$250,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$250,000	\$250,000



This project sheet is in multiple sections due to multiple funding sources.

Version: **2019 Budget**

Project Title: **Fire Station #14**

Project Year(s): **2023 to 2023**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **New**

Project Location: **South Topeka Location**

Category: **Public Safety**

Contact Phone: **368-4401**

Contact Name: **Craig Duke**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$5,976,261**

Future Funding: **\$0**

Project # : **131037.00**

Current Status : **Board**

Project Description :

This project consists of the design and construction of a new fully furnished high efficiency Fire Station (#14) and four (4) door Apparatus Bay to be located at a south Topeka location. This facility will be designed and constructed under high-efficiency design guidelines to provide an approximate 5,800 square foot station with an approximate 6,800 square foot drive through Apparatus Bay. Site improvements include rock excavation, utilities, street and drainage improvements, and warning signals.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$428,094	\$428,094
Right of Way	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000
Construction/Service Fees	\$0	\$0	\$0	\$0	\$4,076,570	\$4,076,570
Contingency	\$0	\$0	\$0	\$0	\$366,597	\$366,597
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$105,000	\$105,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$5,976,261	\$5,976,261

Estimated Life of Item (years):

30-50

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

General maintenance and utilities.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$200,000	\$200,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$5,776,261	\$5,776,261
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$5,976,261	\$5,976,261



Version: **2019 Budget**

Project Title: **Fire Station Yearly Renovation**

Project Year(s): **2018 to 2027**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various**

Category: **Public Safety**

Contact Phone: **368-3934**

Contact Name: **Vince Schuetz**

Alternate Phone:

Previous Funding: **\$321,080**

Total Funding: **\$4,571,080**

Future Funding: **\$2,000,000**

Project # : **131052.00**

Current Status : **Board**

Project Description :
We have many fire stations that are old and in disrepair. Maintenance costs on these stations have now become replacement costs because of the age of the equipment and the structures which house them. The decision has been made to take a holistic approach to renovate one station per year, instead of trying to maintain pieces of systems that are old and obsolete. Buildings being targeted: Station 3 (design in 2016, Construction 2017), Station 10 (2019), Station 11 (tentatively) or Station 9 (2020), and other buildings as identified.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000

Estimated Life of Item (years):

20-30 years

Year of Estimate:

2016

Source of Estimate:

staff

Estimated Annual operating Cost :

Professional inspection and estimate.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000



Version: **2019 Budget**

Project Title: **Geocortex Implementation**

Project Year(s): **2020 to 2023**

Dept/Div: **1013010 - PUBLIC WORKS ADMINISTRATION**

Type: **New**

Project Location: **Citywide**

Category: **Street**

Contact Phone: **785-368-1905**

Contact Name: **Amber Reynolds**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$159,280**

Future Funding: **\$0**

Project # : **801017.00**

Current Status : **Board**

Project Description :
Geocortex extends and simplifies various geospatial activities including editing workflows, server management, and analytics. The software also comes with a Cityworks extension, so we can build native mobile apps for field workers to quickly and easily manage their work orders and inspections. This project includes licensing, implementation, technical support, and training.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$59,280	\$0	\$0	\$0	\$59,280
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$59,280	\$0	\$0	\$100,000	\$159,280

Estimated Life of Item (years):

7

Year of Estimate:

2023

Source of Estimate:

Latitude Geographics

Estimated Annual operating Cost :

Received a quote from Latitude Geographics, which makes Geocortex. Annual software licensing will be approximately \$3,700.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$59,280	\$0	\$0	\$100,000	\$159,280
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$59,280	\$0	\$0	\$100,000	\$159,280



Version: **2019 Budget**

Project Title: **GPS Based Automobile Vehicle Locating System**

Project Year(s): **2019 to 2023**

Dept/Div: **1013020 - TRANS OPERATIONS**

Type: **New**

Project Location: **TSG**

Category: **Street**

Contact Phone: **785-369-1905**

Contact Name: **Amber Reynolds**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$500,000**

Future Funding: **\$0**

Project # : **861015.00**

Current Status : **Board**

Project Description :
The project is identified to procure a contracted Global Positioning System (GPS) based Automobile Vehicle Locating System (AVLS) utilized for the tracking and reporting of standard GPS data and data capturing specific work function activities on certain vehicles and equipment in the City fleet. The system requirements are identified by detail specifications and the system will be obtained through a request for proposal with all annual costs being expensed to organizations annual budget as an operational cost.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Technology	\$95,000	\$95,000	\$95,000	\$95,000	\$95,000	\$475,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

Estimated Life of Item (years):

1 year

Year of Estimate:

2016

Source of Estimate:

TSG

Estimated Annual operating Cost :

The estimate shown is based on our past experience and the intentions of adding system functionality in 2018. All cost of this program are expensed to the organization's operational budget.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000



Version: **2019 Budget**

Project Title: **Rescue Vehicle (1317)**

Project Year(s): **2023 to 2023**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **New**

Project Location: **Station 11**

Category: **Public Safety**

Contact Phone: **785-368-0111**

Contact Name: **Michael J Benson**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$225,000**

Future Funding: **\$0**

Project # : **801024.00**

Current Status : **Board**

Project Description :
Replacement of Topeka Fire Department's Rescue vehicle.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$225,000	\$225,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$225,000	\$225,000

Estimated Life of Item (years):
15

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :
Minimal

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$225,000	\$225,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$225,000	\$225,000



Version: **2019 Budget**

Project Title: **Self Contained Breathing Apparatus**

Project Year(s): **2018 to 2022**

Dept/Div: **10120 - FIRE DEPARTMENT**

Type: **Repair/Replace**

Project Location: **Fire Admin**

Category: **Public Safety**

Contact Phone: **368-0111**

Contact Name: **Mike Benson**

Alternate Phone:

Previous Funding: **\$196,183**

Total Funding: **\$980,915**

Future Funding: **\$0**

Project # : **801009.00**

Current Status : **Board**

Project Description :
Supply Self Contained Breathing Apparatus for the fire department. A 2018-2022 lease-purchase agreement will be utilized for the acquisition of this equipment.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$196,183	\$196,183	\$196,183	\$196,183	\$0	\$784,732
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$196,183	\$196,183	\$196,183	\$196,183	\$0	\$784,732

Estimated Life of Item (years):
10 years

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :
General maintenance

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$196,183	\$196,183	\$196,183	\$196,183	\$0	\$784,732
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$196,183	\$196,183	\$196,183	\$196,183	\$0	\$784,732



Version: **2019 Budget**

Project Title: **ADA Assessment of Existing City Facilities**

Project Year(s): **2021 to 2021**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **New**

Project Location: **COT**

Category: **Facilities**

Contact Phone: **7853681905.000000**

Contact Name: **Amber Reynolds**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$125,000**

Future Funding: **\$0**

Project # : **131066.00**

Current Status : **Board**

Project Description :

This project is to assess and outline recommendations for current accessibility regulations for City-owned facilities where there is a high volume of public use. These facilities include City Hall, Holliday Building, Law Enforcement Center, Topeka Performing Arts Center, Water Treatment Plant, and Oakland Wastewater Treatment Plant. Fire stations ADA compliance will be addressed in annual Fire House renovations.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$125,000	\$0	\$0	\$125,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$125,000	\$0	\$0	\$125,000

Estimated Life of Item (years):

NA

Year of Estimate:

NA

Source of Estimate:

NA

Estimated Annual operating Cost :

NA

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$125,000	\$0	\$0	\$125,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$125,000	\$0	\$0	\$125,000



Version: 2019 Budget

Project Title: **Police Department Fleet Replacement**

Project Year(s): **2019 to 2028**

Dept/Div: **10125 - POLICE DEPARTMENT**

Type: **New**

Project Location: **Law Enforcement Center**

Category: **Public Safety**

Contact Phone: **368-9211**

Contact Name: **Darin Scott**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$6,500,000**

Future Funding: **\$3,250,000**

Project # : **801020.00**

Current Status : **Board**

Project Description :

Public Safety enhancing/ Safe and secure neighborhoods. Vehicles are the main instrument from which police services are distributed and delivered though out our community. We must be able to sustain a viable and ready fleet of vehicles from which our officers can confidently respond and carry out the services the citizens have come to expect and rely on. The majority of our fleet are assigned throughout the city to territories (not officers) and this translates to the vehicles running around the clock 24/7/365. If a vehicle is made unavailable because of a mechanical failure or damage, this can delay services to our community. In this CIP we would recommend a constant sustainable flow of vehicles for replacement purposes to maintain a reliable fleet. Additionally, we have some vehicles assigned to officers who have specific functions (ie Response Team, Community Officers, SROs, EOD, Negotiators). These officers, as a best practice to get the most out of our fleet vehicles, do not receive new vehicles, but rather we re-assign the best mechanical older fleet vehicles to replace the worn and mechanically unsound vehicles. Overall we maintain a workable number of vehicles to carry out all functions of police work and we are diligent in keeping our fleet at that number.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000

Estimated Life of Item (years):

Cycle Replacement

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

General Fund, Police Department General Fund Budget currently has 750,000 budgeted for fleet replacement. FY2018 \$300,000 current lease obligation(requesting to pay least payment early) + \$450,000 outright purchase, FY2019 \$650,000 outright purchase, FY2020 \$650,000 outright purchase, FY2021 \$650,000 outright purchase, FY2022 \$650,000 outright purchase, FY2023 \$650,000 outright purchase.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000



Version: 2019 Budget

Project Title: **Body Worn Camera/Taser Equipment Replacement Plan**

Project Year(s): **2018 to 2027**

Dept/Div: **10125 - POLICE DEPARTMENT**

Type: **New**

Project Location: **Law Enforcement Center**

Category: **Public Safety**

Contact Phone: **368-9211**

Contact Name: **Darin Scott**

Alternate Phone:

Previous Funding: **\$235,225**

Total Funding: **\$2,670,384**

Future Funding: **\$1,247,274**

Project # : **801021.00**

Current Status : **Board**

Project Description :

This project is ongoing and will need to be maintained in future CIPs. Having Body Worn Cameras (BWC) has become an essential part of law enforcement operations. It is becoming near as synonymous as having a firearm. This is a forefront project we must maintain with the highest attention and provide the best quality devices and storage. BWCs are the number one item the Department of Justice demands when they issue a Consent Decree following an investigation of a Use of Force or Civil Rights Violation. The Topeka Police Department was on the forefront of bring BWCs on board as a tool for the officers. Technology is ever evolving and we must be able to evolve at near the same rate or we will find ourselves having to find more funding to catch up to current best practices. This CIP enhances customer service as well. The Officer Safety Plan provides replacements for Body Worn Cameras, Tasers, and unlimited storage space for Body Worn Camera Video (digital evidence).

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$235,225	\$235,225	\$235,225	\$235,225	\$246,985	\$1,187,885
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$235,225	\$235,225	\$235,225	\$235,225	\$246,985	\$1,187,885

Estimated Life of Item (years):

Cycle Replacement

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Cost estimate for 2019 - 2022 is a quote provided by Axon Enterprise Inc.

Cost Estimate for 2023 - 2027 is based on 5% increase over 2022 rate.

Cost estimate for 2028 is based on a 5% increase over 2027 rate.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$235,225	\$235,225	\$235,225	\$235,225	\$246,985	\$1,187,885
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$235,225	\$235,225	\$235,225	\$235,225	\$246,985	\$1,187,885



Version: **2019 Budget**

Project Title: **Public Safety Code Compliance at Municipal Buildings**

Project Year(s): **2018 to 2027**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **New**

Project Location: **citywide**

Category: **Public Safety**

Contact Phone: **368-3934**

Contact Name: **Vince Schuetz**

Alternate Phone:

Previous Funding: **\$100,000**

Total Funding: **\$1,120,000**

Future Funding: **\$520,000**

Project # : **131051.00**

Current Status : **Board**

Project Description :

This project consists of electronically securing 24 doors at the Holliday Building, installing emergency lighting at 6 fire stations, and replacing emergency backup generators at the Fire Administration Building, and Fire Stations #5 and #12. The project also includes various concrete repair, purchasing 3 riding lawn mowers with landscaping attachments and snow blades for sidewalk clearance, and one snow clearance vehicle for parking lot snow and ice removal. Other safety issues include fencing replacement, viewing windows, and major painting restoration work at the Topeka Zoo. Storm shelters for locations that have no protection from severe storms.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

Estimated Life of Item (years):

15-25

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

Professional inspection and estimate.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000



Version: **2019 Budget**

Project Title: **Metasys Replacement Study: City Hall/Holliday/LEC**

Project Year(s): **2023 to 2023**

Dept/Div: **61530 - FACILITIES OPERATIONS**

Type: **New**

Project Location: **City-wide**

Category: **Facilities**

Contact Phone: **368-3934**

Contact Name: **Vincent Schuetz**

Alternate Phone: **368-3959**

Previous Funding: **\$0**

Total Funding: **\$40,000**

Future Funding: **\$0**

Project # : **F-201709.00**

Current Status : **Board**

Project Description :

This project is to study the feasibility of migrating our building automation system to another that is more reliable and user friendly, and is also non-proprietary.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$40,000	\$40,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$40,000	\$40,000

Estimated Life of Item (years):

25

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Study results should lead to greater efficiency.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$40,000	\$40,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$40,000	\$40,000



Version: **2019 Budget**

Project Title: **Municipal Buildings Roof Replacement**

Project Year(s): **2019 to 2023**

Dept/Div: **61530 - FACILITIES OPERATIONS**

Type: **New and Repair/Replace**

Project Location: **City-wide**

Category: **Facilities**

Contact Phone: **368-3934**

Contact Name: **Vincent Schuetz**

Alternate Phone: **368-3959**

Previous Funding: **\$0**

Total Funding: **\$750,000**

Future Funding: **\$0**

Project # : **F-201710.00**

Current Status : **Board**

Project Description :

This program is to replace existing roofs that are experiencing due to exceeding their life expectancy. Such roofs that are currently in this condition are buildings for the Water Dept., WPC, Fleet, Street and Fire Department. The City maintains 145 independent structures with roofs of varying ages, most of which are nearing their expected useful life span.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$700,000
Contingency	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000

Estimated Life of Item (years):

20

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

The new roofs should contribute to lowering energy costs.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000



Version: **2019 Budget**

Project Title: **Asset Inventory/ Geospatial Updates**

Project Year(s): **2019 to 2023**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **New**

Project Location: **All COT**

Category: **Facilities**

Contact Phone: **785-368-1905**

Contact Name: **Amber Reynolds**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,000,000**

Future Funding: **\$0**

Project # : **861020.00**

Current Status : **Board**

Project Description :

There are many infrastructure assets that need to be inventoried and updated to current GIS and asset management standards to meet several city-wide initiatives. This project would collect City-owned assets including Street Signs, Poles, Pavement Markings and Striping, Sidewalks and Ramps, Street Lights, Curb and Gutter, Stormwater Inlets, Fire Hydrants, Guardrails, Signals and Controllers, Bridges, Barrier/Retaining Walls, Parking Meters, Alley Approaches, Ditches. Also included with this project is development of a city owned tree inventory. Currently the City has no inventory or condition assessment of the trees in the City right-of-way. After the inventory and condition assessment, the data will reside in GIS and Cityworks where service requests, work orders, and inspections can occur. Lastly, this project would cover the acquisition and maintenance of a project and budget prioritization and optimization software.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000

Estimated Life of Item (years):

NA

Year of Estimate:

2017

Source of Estimate:

2 consulting firms and TSG expertise.

Estimated Annual operating Cost :

Once the data is collected, maintenance of the data will be absorbed into TSG operations; so there will be no additional operating cost.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000



Citywide Half-Cent Sales Tax Projects



Version: **2019 Budget**

Project Title: **Maintain and Improve Existing Streets - 2019**

Project Year(s): **2019 to 2019**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **Various Locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Robert Bidwell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$8,800,000**

Future Funding: **\$0**

Project # : **841017.02**

Current Status : **Board**

Project Description :

This project will provide maintenance and improvements to existing city streets, curbs, gutters, and sidewalks. Maintenance and improvements will be limited to elements which are already in place and in need of maintenance, repair or replacement. Projects will be administered by the Engineering Division. The tentative list of 2019 projects include the following projects. Each year's projects will be reassessed and resources reallocated based on updated street conditions and needs. SE Adams Street from 33rd Street to 37th Street; SW Gage Blvd. from 25th Street to 29th Street; N. Kansas Avenue from Morse Street to Old Soldier Creek; Bridge Repair Program as identified in Bi-Annual Bridge Inspections; Local Street Repair Program in Chesney Park; Street Restoration with Utility Projects. Design costs as of Dec. 2017 for the major projects total \$306,000.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$8,050,000	\$0	\$0	\$0	\$0	\$8,050,000
Contingency	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$8,800,000	\$0	\$0	\$0	\$0	\$8,800,000

Estimated Life of Item (years):
10 to 30

Year of Estimate:
2015

Source of Estimate:
Engineering Division

Estimated Annual operating Cost :

Operating costs include pavement maintenance and pavement markings. The primary funding source is Motor Fuel Tax. This project will provide a net reduction in operating costs by reducing the maintenance needs of the existing deteriorated pavement.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$8,800,000	\$0	\$0	\$0	\$0	\$8,800,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$8,800,000	\$0	\$0	\$0	\$0	\$8,800,000



Version: **2019 Budget**

Project Title: **ADA Sidewalk Ramp Program**

Project Year(s): **2019 to 2019**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **785-368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$300,000**

Future Funding: **\$0**

Project # : **241047.00**

Current Status : **Board**

Project Description :
This project provides for maintenance and installation of accessible curb cuts and sidewalk ramps at intersections throughout the City in accordance with the Americans with Disability Act Accessibility Guidelines. The City has approximately 8,000 existing sidewalk ramps with approximately 1,200 additional locations needed. Priority locations are those identified where citizens have specific needs and following areas with major street maintenance.
Future ADA ramp program (2020 and beyond) can be found under Project No. 241049.00.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$20,000	\$0	\$0	\$0	\$0	\$20,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$280,000	\$0	\$0	\$0	\$0	\$280,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Estimated Life of Item (years):
20

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :
Operating costs are minimal. If maintenance is required, the primary funding source is Motor Fuel Tax.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$300,000	\$0	\$0	\$0	\$0	\$300,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$300,000	\$0	\$0	\$0	\$0	\$300,000



Version: **2019 Budget**

Project Title: **Sidewalk Repair Program**

Project Year(s): **2019 to 2019**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **785-368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$100,000**

Future Funding: **\$0**

Project # : **241048.00**

Current Status : **Board**

Project Description :
This project will repair existing deteriorated sidewalks at various locations throughout the City. The project provides matching funds to allow property owners to repair sidewalks that are out of compliance with current codes. Future program (2020 and beyond) is under Project No. 241050.00

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

By City Code, sidewalk maintenance is the responsibility of the abutting property owner.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$100,000	\$0	\$0	\$0	\$0	\$100,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$0	\$0	\$0	\$0	\$100,000



Version: **2019 Budget**

Project Title: **Curbs, Gutters & Street Repairs**

Project Year(s): **2019 to 2019**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Keith Duncan**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,500,000**

Future Funding: **\$0**

Project # : **841054.00**

Current Status : **Board**

Project Description :

This project will replace curb and gutter sections reported by citizens citywide. It also provides funding for materials for the Transportation Operations Division to perform maintenance on streets throughout the City, including snow plowing and deicing services. Future program (2020 and beyond) is under Project No. 841057.00.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,495,000	\$0	\$0	\$0	\$0	\$1,495,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000

Estimated Life of Item (years):
10 to 30

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :

Operating costs include maintenance costs. The project will reduce maintenance costs necessary for work on deteriorated curb.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000



Version: **2019 Budget**

Project Title: **Alley Repair Program**

Project Year(s): **2019 to 2019**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Keith Duncan**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$250,000**

Future Funding: **\$0**

Project # : **841055.00**

Current Status : **Board**

Project Description :
This project is approved to rehabilitate alleys citywide that are requested by constituents as determined by the Engineer Division's inspection and assessment decisions. Due to varying costs related to the project work, funding will allow for two to four alleys to be rehabilitated as part of the project. Future alley program (2020 and beyond) is under Project No. 841058.00.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$225,000	\$0	\$0	\$0	\$0	\$225,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$250,000	\$0	\$0	\$0	\$0	\$250,000

Estimated Life of Item (years):
30

Year of Estimate:
2017

Source of Estimate:
Engineering Div.

Estimated Annual operating Cost :
This project will provide a reduction in maintenance costs necessary to grade and/or patch deteriorated alleys.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$250,000	\$0	\$0	\$0	\$0	\$250,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$250,000	\$0	\$0	\$0	\$0	\$250,000



Version: **2019 Budget**

Project Title: **Street Maint. & Repair: Local Streets**

Project Year(s): **2019 to 2019**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **Various Locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Robert Bidwell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,888,000**

Future Funding: **\$0**

Project # : **841056.00**

Current Status : **Board**

Project Description :

This project will provide maintenance to local and collector streets, as needed to prevent the deterioration of existing streets beyond the point at which preventative maintenance efforts will no longer be effective. This project is focused toward residential neighborhoods which encompass most of the City's local streets. Locations or areas will be selected using Pavement Condition Index (PCI) from a 2016 pavement rating project, compiled by the Stantec Corporation. Local streets with PCI ratings above 40 and which can be preserved will be considered for this project. Typical maintenance and repair measures will be mill and overlay, full depth pavement repairs and replacement of concrete curb and gutter. Without preventative maintenance, local (residential) asphalt pavement needs complete reconstruction after 20 to 30 years.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$197,500	\$0	\$0	\$0	\$0	\$197,500
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$2,650,000	\$0	\$0	\$0	\$0	\$2,650,000
Contingency	\$40,500	\$0	\$0	\$0	\$0	\$40,500
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,888,000	\$0	\$0	\$0	\$0	\$2,888,000

Estimated Life of Item (years):

20

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$2,888,000	\$0	\$0	\$0	\$0	\$2,888,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,888,000	\$0	\$0	\$0	\$0	\$2,888,000



Version: **2019 Budget**

Project Title: **ADA Sidewalk Ramp Program (Renewal)**

Project Year(s): **2020 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,700,000**

Future Funding: **\$1,500,000**

Project # : **241049.00**

Current Status : **Board**

Project Description :
Currently Citywide 1/2 sales tax expires in 2019 and the ADA ramp program is being funded through sales tax. If the tax is not renewed, this project will be deleted or a different funding source will be required.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$80,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$280,000	\$280,000	\$280,000	\$280,000	\$1,120,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000

Estimated Life of Item (years):
20

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :
Minimal operating cost is anticipated.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000



Version: **2019 Budget**

Project Title: **Curb & Gutter Replacement Program (Renewal)**

Project Year(s): **2020 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Keith Duncan**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$13,500,000**

Future Funding: **\$7,500,000**

Project # : **841057.00**

Current Status : **Board**

Project Description :
This project will replace curb and gutter reported by citizens citywide. It also provides funding for materials for the Transportation Operations Division to perform maintenance on streets throughout the City, including some plowing and deicing services.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000

Estimated Life of Item (years):
10 to 30

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000



Version: **2019 Budget**

Project Title: **Pavement Management Rehabilitation & Reconstruction Program**

Project Year(s): **2020 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Robert Bidwell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$105,300,000**

Future Funding: **\$58,500,000**

Project # : **841060.00**

Current Status : **Board**

Project Description :
This project is a continuation of the pavement management program developed using MicroPaver. This program involves the rehabilitation and reconstruction of our street work and is currently shown as funded through an extension of the existing 1/2 cent sales tax. Tax is set to expire in 2019 and if not renewed, the program will be eliminated unless another funding source is identified.
NOTE: Assumed funding level is \$11.7M per year. In years 2020, 2021 and 2022, funding for this program is shared with other street projects (reason for reduced amounts in those years).

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$300,000	\$300,000	\$300,000	\$500,000	\$1,400,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$11,400,000	\$11,400,000	\$11,400,000	\$11,200,000	\$45,400,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$11,700,000	\$11,700,000	\$11,700,000	\$11,700,000	\$46,800,000

Estimated Life of Item (years):
10 to 20

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :
Implementation of this program overtime will reduce the amount of potholes and other street failures that street operations staff must address.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$11,700,000	\$11,700,000	\$11,700,000	\$11,700,000	\$46,800,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$11,700,000	\$11,700,000	\$11,700,000	\$11,700,000	\$46,800,000



Version: **2019 Budget**

Project Title: **Sidewalk Repair Program (Renewal)**

Project Year(s): **2020 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$900,000**

Future Funding: **\$500,000**

Project # : **241050.00**

Current Status : **Board**

Project Description :
Currently citywide 1/2 sales tax expires in 2019 and the sidewalk repair program is being funded from this sales tax. If the tax is not renewed, this project will be deleted or a different funding source will be required.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

By City Code, sidewalk maintenance is the responsibility of the abutting property owner.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000



Project Title: **Street Contract Preventative Maintenance Program (Micropaver)**
(Renewal)

Version: **2019 Budget**

Project Year(s): **2021 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various Locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Keith Duncan**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$10,000,000**

Future Funding: **\$5,000,000**

Project # : **841059.00**

Current Status : **Board**

Project Description :

Projects supports pavement management program activities. Project would be used to continue preventative pavement maintenance activities such as crack sealing and surface sealing. Project locations to be identified thru MicroPaver analysis and coordination with other projects. Funded by city wide 1/2 cent sales tax which expires in 2019. If the tax is not renewed, project would be eliminated unless another funding source is identified.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$2,000,000	\$2,000,000	\$1,000,000	\$5,000,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$2,000,000	\$2,000,000	\$1,000,000	\$5,000,000

Estimated Life of Item (years):

5 to 7

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Implementation of this program will reduce the amount of street failures that street operations needs to address.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$2,000,000	\$2,000,000	\$1,000,000	\$5,000,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$2,000,000	\$2,000,000	\$1,000,000	\$5,000,000



Version: **2019 Budget**

Project Title: **Alley Repair Program (Renewal)**

Project Year(s): **2020 to 2028**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Keith Duncan**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,250,000**

Future Funding: **\$1,250,000**

Project # : **841058.00**

Current Status : **Board**

Project Description :

This project is approved to rehabilitate alleys citywide that are requested by constituents as determined by the Engineering Division's inspection and assessment decisions. Due to varying costs related to the project work, funding will allow for two to four alleys to be rehabilitated as part of the project. Currently citywide 1/2 sales tax expires in 2019 and the alley program is being funded from this sales tax. If the tax is not renewed, the project will be deleted or a different funding source will be required.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$225,000	\$225,000	\$225,000	\$225,000	\$900,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

This project will provide a reduction in maintenance costs necessary to grade and/or patch deteriorated alleys.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000



Countywide Half-Cent Sales Tax Projects



Version: **2019 Budget**

Project Title: **Pavement Preventative Maintenance Pgrm**

Project Year(s): **2019 to 2020**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **785-368-3842**

Contact Name: **Keith Duncan**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$6,660,000**

Future Funding: **\$0**

Project # : **601093.00**

Current Status : **Board**

Project Description :
Projects supports pavement management program activities. Project would be used to implement preventative maintenance activities such as crack sealing, surface sealing, panel repairs, strategic full depth patching, and other pavement repair strategies. Project location and activities will be identified through MicroPaver analysis and coordination with other infrastructure projects. The proposed funding source is excess funds from Phase 1 of the Countywide Half Cent Sales Tax.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$166,667	\$166,667	\$0	\$0	\$0	\$333,334
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$3,030,000	\$3,030,000	\$0	\$0	\$0	\$6,060,000
Contingency	\$133,333	\$133,333	\$0	\$0	\$0	\$266,666
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$3,330,000	\$3,330,000	\$0	\$0	\$0	\$6,660,000

Estimated Life of Item (years):

7

Year of Estimate:

2017

Source of Estimate:

Engineering

Estimated Annual operating Cost :

The funding source for street repair is primarily Motor Fuel Tax. This project should provide a net reduction in operating costs by improving deteriorated infrastructure elements.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$3,330,000	\$3,330,000	\$0	\$0	\$0	\$6,660,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$3,330,000	\$3,330,000	\$0	\$0	\$0	\$6,660,000



Version: 2019 Budget

Project Title: **12th Street (2 lanes) - Gage Boulevard to Kansas Avenue**

Project Year(s): **2019 to 2023**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **12th Street -Gage to Kansas**

Category: **Street**

Contact Phone: **368-3033**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$13,380,000**

Future Funding: **\$0**

Project # : **701016.00**

Current Status : **Board**

Project Description :

This project provides funding for replacing 12th Street between Gage Blvd. and Kansas Avenue in conjunction with a countywide sales tax project. The new roadway will include two lanes of pavement and sidewalks. This portion of funding is from the extension of the Countywide Half Cent sales tax to take effect January 1, 2017. The project is expected to be constructed in 2021-2023. Estimating 1/3 of the project to be constructed in 2021, 1/3 in 2022 and remainder in 2023. Reconstruction along the corridor will be challenging. Care must be taken on phasing as 17th Street will start construction in 2023.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$450,000	\$400,000	\$0	\$0	\$0	\$850,000
Right of Way	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Construction/Service Fees	\$0	\$0	\$4,100,000	\$4,100,000	\$3,630,000	\$11,830,000
Contingency	\$0	\$0	\$150,000	\$150,000	\$150,000	\$450,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$450,000	\$650,000	\$4,250,000	\$4,250,000	\$3,780,000	\$13,380,000

Estimated Life of Item (years):

30 years

Year of Estimate:

2017

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

Operating costs include pavement markings and crack sealing. The primary funding source is Motor Fuel Tax. This project will provide a net reduction in operating costs by reducing the maintenance needs for the new pavement versus the existing deteriorated pavement.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$450,000	\$650,000	\$4,250,000	\$4,250,000	\$3,780,000	\$13,380,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$450,000	\$650,000	\$4,250,000	\$4,250,000	\$3,780,000	\$13,380,000



Version: 2019 Budget

Project Title: **SE California Avenue - SE 37th Street to SE 45th Street**

Project Year(s): **2019 to 2023**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SE California Ave. 37th to 45th**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$6,000,000**

Future Funding: **\$0**

Project # : **701021.00**

Current Status : **Board**

Project Description :
This project will widen SE California Avenue between SE 37th Street and SE 45th Street. The new roadway will include curb and gutter, sidewalks, street lighting, and a drainage system. The project will be funded by an extension of the Countywide Half Cent sales tax to take effect January 1, 2017. The project was expected to be constructed in 2020 with a mill and overlay in 2018. During the reconstruction of SE California from 29th to 37th (2017), the city was able to add an edge mill and full width overlay in 2017. Based on the condition of the roadway, the reconstruction is being pushed back.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$500,000	\$0	\$0	\$0	\$500,000
Right of Way	\$0	\$0	\$250,000	\$0	\$0	\$250,000
Construction/Service Fees	\$0	\$0	\$0	\$5,000,000	\$0	\$5,000,000
Contingency	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$500,000	\$250,000	\$5,250,000	\$0	\$6,000,000

Estimated Life of Item (years):

30 years

Year of Estimate:

2017

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

Operating costs include pavement markings and crack sealing. The primary funding source is Motor Fuel Tax. This project will provide a net reduction in operating costs by reducing the maintenance needs for the new pavement versus the existing deteriorated pavement.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$500,000	\$250,000	\$5,250,000	\$0	\$6,000,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$500,000	\$250,000	\$5,250,000	\$0	\$6,000,000



Version: **2019 Budget**

Project Title: **SW 17th Street MacVicar to Interstate 470**

Project Year(s): **2019 to 2027**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SW 17th Street MacVicar to 470**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$14,750,000**

Future Funding: **\$8,850,000**

Project # : **701025.00**

Current Status : **Board**

Project Description :
This project will replace the pavement on SW 17th Street between SW MacVicar Avenue and Interstate 470. The roadway will include curb & gutter, sidewalks, and a drainage system. The project will be funded by an extension of the Countywide Half Cent sales tax to take effect January 1, 2017. The project is expected to be constructed in three sections from 2023-25 with additional funding of \$13,800,000 provided in Years 2022-25. Conceptual layout including phasing and identification of utility issues to start in 2019.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$100,000	\$0	\$850,000	\$0	\$0	\$950,000
Right of Way	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Construction/Service Fees	\$0	\$0	\$0	\$0	\$4,450,000	\$4,450,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$0	\$850,000	\$500,000	\$4,450,000	\$5,900,000

Estimated Life of Item (years):

30 years

Year of Estimate:

2015

Source of Estimate:

Engineering

Estimated Annual operating Cost :

Operating costs include pavement markings and crack sealing. The primary funding source is Motor Fuel Tax. This project will provide a net reduction in operating costs by reducing the maintenance needs for the new pavement versus the existing deteriorated pavement.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$100,000	\$0	\$850,000	\$500,000	\$4,450,000	\$5,900,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$100,000	\$0	\$850,000	\$500,000	\$4,450,000	\$5,900,000



This project sheet is located in multiple sections due to multiple funding sources.

Version: **2019 Budget**

Project Title: **Zoo - Storm Drainage, Parking, Group Entrance**

Project Year(s): **2019 to 2019**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **New**

Project Location: **Zoo**

Category: **Quality of Life**

Contact Phone: **368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,706,000**

Future Funding: **\$0**

Project # : **301056.00**

Current Status : **Board**

Project Description :

This project will create a group and school group entrance into the Topeka Zoo to ease main parking compression for the attraction. The location for this project will occur just South of the Helen Hocker complex. This project will also create extra parking for the Zoo, Big Gage, Helen Hocker and Animal Land.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$213,600	\$0	\$0	\$0	\$0	\$213,600
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,344,200	\$0	\$0	\$0	\$0	\$1,344,200
Contingency	\$101,000	\$0	\$0	\$0	\$0	\$101,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$15,000	\$0	\$0	\$0	\$0	\$15,000
Cost of Issuance (Rev/GO Bonds)	\$32,200	\$0	\$0	\$0	\$0	\$32,200
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,706,000	\$0	\$0	\$0	\$0	\$1,706,000

Estimated Life of Item (years):

30

Year of Estimate:

2016

Source of Estimate:

Staff

Estimated Annual operating Cost :

There will be a small utility increase and seasonal staffing needs provided by FOTZ.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$1,456,000	\$0	\$0	\$0	\$0	\$1,456,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,706,000	\$0	\$0	\$0	\$0	\$1,706,000



This project sheet is located in multiple sections due to multiple funding sources.

Version: **2019 Budget**

Project Title: **Zoo Master Plan**

Project Year(s): **2017 to 2023**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **New**

Project Location: **Zoo**

Category: **Quality of Life**

Contact Phone: **368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone: **506-3797**

Previous Funding: **\$2,800,000**

Total Funding: **\$14,910,000**

Future Funding: **\$0**

Project # : **301047.00**

Current Status : **Board**

Project Description :
Funded through private donations and Countywide Sales Tax, the first phases will include the following projects: 1) Camp Cowabunga: This project will redevelop a central area in the zoo. It will feature exhibits including African lions, red patas monkeys and painted dogs. The exhibits will surround a safari camp and lodge that will allow guests up close views of the animals as well as interactive educational opportunities. The lodge will consist of four "tents" of which the last one will be known as Gary's Tent. 2) Tiger Trails: Tiger Trails is a project that will move the zoo's Sumatran Tiger exhibit to the Asian area of the zoo. 3) Elephant Reserve: Elephant Reserve will expand both the elephant holding building and outdoor elephant exhibit. The holding building will approximately double in size and be able to hold up to eight elephants including a bull. It will allow for year round viewing and will have a community room for the elephants that will have a sand floor. The outside exhibit will cover nearly three acres that will facilitate natural elephant behavior and abundant stimulation for the elephants throughout the day and night. 4) Giraffe Canopy is a project that will move the zoo's giraffe to a new exhibit on the East side of the zoo. Giraffe Canopy will build a new modern holding facility and will add a mixed species exhibit approximately an acre and a half in size.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$2,110,000	\$0	\$4,000,000	\$0	\$6,000,000	\$12,110,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,110,000	\$0	\$4,000,000	\$0	\$6,000,000	\$12,110,000

Estimated Life of Item (years):

30 Years

Year of Estimate:

2012

Source of Estimate:

Staff

Estimated Annual operating Cost :

All four projects will be funded through a combination of dedicated Countywide Half Cent Sales Tax funds and Donations.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$250,000	\$0	\$2,000,000	\$0	\$1,000,000	\$3,250,000
Donations	\$1,860,000	\$0	\$2,000,000	\$0	\$5,000,000	\$8,860,000
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,110,000	\$0	\$4,000,000	\$0	\$6,000,000	\$12,110,000



Version: 2019 Budget

Project Title: **SW 29th Street from Fairlawn thru I470**

Project Year(s): **2019 to 2020**

Dept/Div: **1013019 - ENGINEERING**

Type: **New and Repair/Replace**

Project Location: **SW 29th**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Jeff Hunt**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,445,000**

Future Funding: **\$0**

Project # : **701033.00**

Current Status : **Board**

Project Description :

Project will likely be designed in 2018 with construction in 2019. The improvements are needed to provide increased road capacity in the Fairlawn/SW29th/I470 corridor. Project is in direct response to the redevelopment of the northwest corner of the Fairlawn/29th intersection (Wheatfield Village). Timing is partially driven by the speed of improvements internal to the development. The Developer will be making improvements to Fairlawn (28th to 29th) in 2018. Maximum cost to the developer per the development agreement for road improvements is roughly \$1.1 million. Design and road construction costs in excess of that amount are to be covered by the City. CFS Consultants has been retained by the developer for the design work. Staff is waiting for their cost estimates however we feel the 29th improvements will be in the \$1.2 million range with design around \$120,000. Numbers will be updated when available.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$125,000	\$0	\$0	\$0	\$0	\$125,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
Contingency	\$120,000	\$0	\$0	\$0	\$0	\$120,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,445,000	\$0	\$0	\$0	\$0	\$1,445,000

Estimated Life of Item (years):

25

Year of Estimate:

2017

Source of Estimate:

Engineering Div.

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$1,445,000	\$0	\$0	\$0	\$0	\$1,445,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,445,000	\$0	\$0	\$0	\$0	\$1,445,000



Version: **2019 Budget**

Project Title: **Bikeways Master Plan**

Project Year(s): **2019 to 2026**

Dept/Div: **1013019 - ENGINEERING**

Type: **New and Repair/Replace**

Project Location: **Various locations**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$2,000,000**

Future Funding: **\$1,000,000**

Project # : **861017.00**

Current Status : **Board**

Project Description :
This project will construct bikeway routes identified in the Topeka Bikeways Master Plan. The project will improve the bicycle network across the City by providing such features as side paths, shared routes, connecting links, and bike lanes. The project will be funded by an extension of the Countywide Half Cent sales tax to take effect January 1, 2017. The project will be constructed in phases every other year. First phase was in 2018. Currently last phases are 2022, 2024 and 2026.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$37,500	\$0	\$37,500	\$0	\$75,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$425,000	\$0	\$425,000	\$0	\$850,000
Contingency	\$0	\$37,500	\$0	\$37,500	\$0	\$75,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$500,000	\$0	\$500,000	\$0	\$1,000,000

Estimated Life of Item (years):
10 to 30

Year of Estimate:
2017

Source of Estimate:
Engineering Div.

Estimated Annual operating Cost :
Operating costs include replacing pavement markings and signs. Primary funding is Motor Fuel Tax.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$500,000	\$0	\$500,000	\$0	\$1,000,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$500,000	\$0	\$500,000	\$0	\$1,000,000



Version: **2019 Budget**

Project Title: **Huntoon (2 Lanes) Gage to SW Harrison**

Project Year(s): **2023 to 2027**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Huntoon**

Category: **Street**

Contact Phone: **368-3842**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$11,740,000**

Future Funding: **\$11,640,000**

Project # : **701028.00**

Current Status : **Board**

Project Description :
County Sales - \$100K in 2023 to provide a concept phasing plan and to identify utility (both public and private) conflict points/conditions. \$400k (24) - \$300k (25) - \$11M (26/27)

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$100,000	\$100,000

Estimated Life of Item (years):
30

Year of Estimate:
2017

Source of Estimate:
Staff

Estimated Annual operating Cost :
Reduced maintenance costs with reconstructed roadway.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$100,000	\$100,000



Donation Projects



This project sheet is located in multiple sections due to multiple funding sources.

Version: **2019 Budget**

Project Title: **Zoo Master Plan**

Project Year(s): **2017 to 2023**

Dept/Div: **10150 - TOPEKA ZOOLOGICAL PARK**

Type: **New**

Project Location: **Zoo**

Category: **Quality of Life**

Contact Phone: **368-9131**

Contact Name: **Brendan Wiley**

Alternate Phone: **506-3797**

Previous Funding: **\$2,800,000**

Total Funding: **\$14,910,000**

Future Funding: **\$0**

Project # : **301047.00**

Current Status : **Board**

Project Description :

Funded through private donations and Countywide Sales Tax, the first phases will include the following projects: 1) Camp Cowabunga: This project will redevelop a central area in the zoo. It will feature exhibits including African lions, red patas monkeys and painted dogs. The exhibits will surround a safari camp and lodge that will allow guests up close views of the animals as well as interactive educational opportunities. The lodge will consist of four "tents" of which the last one will be known as Gary's Tent. 2) Tiger Trails: Tiger Trails is a project that will move the zoo's Sumatran Tiger exhibit to the Asian area of the zoo. 3) Elephant Reserve: Elephant Reserve will expand both the elephant holding building and outdoor elephant exhibit. The holding building will approximately double in size and be able to hold up to eight elephants including a bull. It will allow for year round viewing and will have a community room for the elephants that will have a sand floor. The outside exhibit will cover nearly three acres that will facilitate natural elephant behavior and abundant stimulation for the elephants throughout the day and night. 4) Giraffe Canopy is a project that will move the zoo's giraffe to a new exhibit on the East side of the zoo. Giraffe Canopy will build a new modern holding facility and will add a mixed species exhibit approximately an acre and a half in size.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$2,110,000	\$0	\$4,000,000	\$0	\$6,000,000	\$12,110,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,110,000	\$0	\$4,000,000	\$0	\$6,000,000	\$12,110,000

Estimated Life of Item (years):

30 Years

Year of Estimate:

2012

Source of Estimate:

Staff

Estimated Annual operating Cost :

All four projects will be funded through a combination of dedicated Countywide Half Cent Sales Tax funds and Donations.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$250,000	\$0	\$2,000,000	\$0	\$1,000,000	\$3,250,000
Donations	\$1,860,000	\$0	\$2,000,000	\$0	\$5,000,000	\$8,860,000
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,110,000	\$0	\$4,000,000	\$0	\$6,000,000	\$12,110,000



Federal Fund Projects



Version: **2019 Budget**

Project Title: **Bridge Deck Patching and Polymer Overlay**

Project Year(s): **2021 to 2021**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SE 6th Ave. Br. & NE Sardou Bridge**

Category: **Street**

Contact Phone: **368-3033**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$1,200,000**

Future Funding: **\$0**

Project # : **121006.00**

Current Status : **Board**

Project Description :

This project will patch the decks and install polymer overlays on the SE 6th Avenue Bridge over Shunganunga Creek and the NE Sardou Avenue Bridge over the Kansas River. These bridge decks require this major maintenance work before the deterioration becomes substantial enough to require complete removal and replacement.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$80,000	\$0	\$0	\$80,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$1,070,000	\$0	\$0	\$1,070,000
Contingency	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000

Estimated Life of Item (years):

15-20 years

Year of Estimate:

2017

Source of Estimate:

Eng. Div. --

Estimated Annual operating Cost :

Patching the existing bridge decks and providing a polymer overlay will reduce future expenditures from the annual bridge maintenance funds and eliminate having to spend substantially more dollars in replacing these bridge decks.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000



Version: 2019 Budget

Project Title: **Bridge on SE 29th Street over Butcher Creek**

Project Year(s): **2018 to 2023**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SE 29th Street over Butcher Creek**

Category: **Street**

Contact Phone: **368-3033**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$80,000**

Total Funding: **\$1,000,000**

Future Funding: **\$0**

Project # : **121005.00**

Current Status : **Board**

Project Description :
This project was programmed to replace the bridge structure on SE 29th Street over Butcher Creek. The original plan was for design to get underway in 2018 with utility relocation in 2019 and construction in 2020. After reviewing the bridge (double box culvert) condition, alignment and limitations on the ability to increase hydraulic capacity, replacement of the structure is being pushed to 2023. In the short term, we will work to implement the findings of the 29th Street Drainage Project "Butcher Creek Watershed" to determine those impacts on road flooding. Funding for design in 2018 remains to allow for alternatives/conceptual layouts on improvements to be made. The existing bridge was constructed in 1960.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$70,000	\$0	\$0	\$0	\$0	\$70,000
Construction/Service Fees	\$0	\$0	\$0	\$0	\$800,000	\$800,000
Contingency	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$70,000	\$0	\$0	\$0	\$850,000	\$920,000

Estimated Life of Item (years):

30 years

Year of Estimate:

2017

Source of Estimate:

Eng. Div. --

Estimated Annual operating Cost :

Replacement of the existing bridge structure will reduce the expenditure of annual Bridge Maintenance Funds.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$70,000	\$0	\$0	\$0	\$850,000	\$920,000
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$70,000	\$0	\$0	\$0	\$850,000	\$920,000



Version: **2019 Budget**

Project Title: **Bridge on SW 3rd St over Ward Cr.**

Project Year(s): **2017 to 2019**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SW 3rd St. over Ward Creek**

Category: **Street**

Contact Phone: **368-3033**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$125,000**

Total Funding: **\$875,000**

Future Funding: **\$0**

Project # : **121003.00**

Current Status : **Board**

Project Description :
This project will replace the aging bridge structure on SW 3rd Street over Ward Creek. Design is expected to get underway in 2017 with utility relocation in 2018 and construction in 2019. The existing structure was constructed in 1930.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$720,000	\$0	\$0	\$0	\$0	\$720,000
Contingency	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$750,000	\$0	\$0	\$0	\$0	\$750,000

Estimated Life of Item (years):

30 years

Year of Estimate:

2017

Source of Estimate:

Eng. Div. --

Estimated Annual operating Cost :

Replacement of the existing bridge structure will reduce the expenditure of annual bridge maintenance funds.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$750,000	\$0	\$0	\$0	\$0	\$750,000
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$750,000	\$0	\$0	\$0	\$0	\$750,000



This project sheet is located in multiple sections due to multiple funding sources. Version: **2019 Budget**

Project Title: **SW Wanamaker Road/SW Huntoon Street/I-470 Ramps**

Project Year(s): **2019 to 2022**

Dept/Div: **1013019 - ENGINEERING**

Type: **Repair/Replace**

Project Location: **SW Wanamaker/SW Huntoon/I-470**

Category: **Street**

Contact Phone: **368-3033**

Contact Name: **Brian Faust**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$4,400,000**

Future Funding: **\$0**

Project # : **701018.00**

Current Status : **Board**

Project Description :
This project will improve traffic operations, safety and level of service in the SW Wanamaker Road, SW Huntoon Street, I-470/Wanamaker Exit Ramp, and I-470/Winding Road Entrance Ramp areas. The existing roadway network serving the area bounded by SW Huntoon Street, SW Urish Road, SW 17th Street, and SW Wanamaker Road is operating at or near capacity at several locations. Recent traffic impact studies for proposed developments in the area have indicated further development will cause traffic operation failures of several intersections. City staff has worked with the Kansas Department of Transportation and a consultant on a Traffic Impact Study to determine geometric and intersection improvements and access control necessary to accommodate anticipated traffic from future developments and traffic growth in the area. This project will provide recommended geometric improvements to the intersection of SW Wanamaker Road and SW Huntoon Street and along SW Wanamaker Road at the I-470 Exit Ramp and I-470/Winding Road Entrance Ramp. This area is experiencing congestion and a low level of service under existing conditions. Design is expected to start in 2019 with construction to follow in 2021-22. Citywide funding is shown in project #841017.02 for 2019 and #841060.00 for 2020 forward.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$175,000	\$175,000	\$0	\$0	\$0	\$350,000
Right of Way	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Construction/Service Fees	\$0	\$0	\$1,860,000	\$1,860,000	\$0	\$3,720,000
Contingency	\$0	\$0	\$103,000	\$103,000	\$0	\$206,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$10,667	\$10,667	\$10,667	\$0	\$32,000
Cost of Issuance (Rev/GO Bonds)	\$0	\$14,000	\$14,000	\$14,000	\$0	\$42,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$175,000	\$249,667	\$1,987,667	\$1,987,667	\$0	\$4,400,000

Estimated Life of Item (years):
30

Year of Estimate:
2015

Source of Estimate:
Eng. Div.

Estimated Annual operating Cost :
Operating costs include pavement markings and crack sealing. The primary funding source is Motor Fuel Tax.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$175,000	\$25,000	\$500,000	\$500,000	\$0	\$1,200,000
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$1,100,000	\$1,100,000	\$0	\$0	\$2,200,000
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$500,000	\$500,000	\$0	\$1,000,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$175,000	\$1,125,000	\$2,100,000	\$1,000,000	\$0	\$4,400,000



This project sheet is located in multiple sections due to multiple funding sources.

Version: **2019 Budget**

Project Title: **Neighborhood Infrastructure**

Project Year(s): **2019 to 2028**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Various locations**

Category: **Neighborhoods**

Contact Phone: **368-3842 & 368-4484**

Contact Name: **Brian Faust/Sasha Haehn**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$24,200,000**

Future Funding: **\$12,250,000**

Project # : **601094.00**

Current Status : **Board**

Project Description :

This project is a component of the Stages of Resource Targeting program (SORT). The City generally targets a majority of Neighborhood Relation's resources in two redevelopment areas or neighborhoods per year. The neighborhood infrastructure piece includes improvements such as rebuilding deteriorated streets, curb/gutters, alleys and sidewalks. These funds are leveraged with the Community Development Block Grant (CDBG) and HOME Investment Partnerships (HOME) funds utilized for housing rehabilitation and construction. The 2017-2019 SORT neighborhoods are Quinton Heights Steele and Tennessee Town.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$1,910,000	\$2,210,000	\$2,210,000	\$2,210,000	\$2,210,000	\$10,750,000
Contingency	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Cost of Issuance (Rev/GO Bonds)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,150,000	\$2,450,000	\$2,450,000	\$2,450,000	\$2,450,000	\$11,950,000

Estimated Life of Item (years):

30

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

The funding for street repair work is primarily Motor Fuel Tax. This project should reduce operating costs by improving deteriorated infrastructure elements.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$1,400,000	\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$8,200,000
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$2,150,000	\$2,450,000	\$2,450,000	\$2,450,000	\$2,450,000	\$11,950,000



IT Fund Cash Projects



Version: **2019 Budget**

Project Title: **Computer Upgrade - 2**

Project Year(s): **2018 to 2021**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$44,750**

Total Funding: **\$179,000**

Future Funding: **\$0**

Project # : **IS-2018-002**

Current Status : **Board**

Project Description :
This is a project to upgrade 179-computers across the computing enterprise of the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$44,750	\$44,750	\$44,750	\$0	\$0	\$134,250
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$44,750	\$44,750	\$44,750	\$0	\$0	\$134,250

Estimated Life of Item (years):
4

Year of Estimate:
2016

Source of Estimate:
IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2014 and expires in 2018. A new 4-year lease will need to commence starting in December of 2017.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$44,750	\$44,750	\$44,750	\$0	\$0	\$134,250
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$44,750	\$44,750	\$44,750	\$0	\$0	\$134,250



Version: **2019 Budget**

Project Title: **Computer Upgrade - 3**

Project Year(s): **2019 to 2022**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$149,000**

Future Funding: **\$0**

Project # : **IS-2019-003**

Current Status : **Board**

Project Description :

This is a project to upgrade 149-computers across the computing enterprise of the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$37,250	\$37,250	\$37,250	\$37,250	\$0	\$149,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$37,250	\$37,250	\$37,250	\$37,250	\$0	\$149,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2015 and expires in 2019. A new 4-year lease will need to commence starting in December of 2018.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$37,250	\$37,250	\$37,250	\$37,250	\$0	\$149,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$37,250	\$37,250	\$37,250	\$37,250	\$0	\$149,000



Version: **2019 Budget**

Project Title: **Computer Upgrade - 4**

Project Year(s): **2020 to 2023**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$133,000**

Future Funding: **\$0**

Project # : **IS-2020-007**

Current Status : **Board**

Project Description :

This is a project to upgrade 133-computers across the computing enterprise of the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$33,250	\$33,250	\$33,250	\$33,250	\$133,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$33,250	\$33,250	\$33,250	\$33,250	\$133,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2016 and expires in 2020. A new 4-year lease will need to commence starting in December of 2019.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$33,250	\$33,250	\$33,250	\$33,250	\$133,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$33,250	\$33,250	\$33,250	\$33,250	\$133,000



Version: **2019 Budget**

Project Title: **Data Back-up System Replacement**

Project Year(s): **2017 to 2020**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **IT Server Room**

Category: **Facilities**

Contact Phone: **368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$125,000**

Total Funding: **\$250,000**

Future Funding: **\$0**

Project # : **IS-2017-007**

Current Status : **Board**

Project Description :

This is a project to upgrade 6-data back-up appliances that are used to back-up data across the enterprise.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$62,500	\$62,500	\$0	\$0	\$0	\$125,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$62,500	\$62,500	\$0	\$0	\$0	\$125,000

Estimated Life of Item (years):

4

Year of Estimate:

2015

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a typical technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. There is a total of one lease that will become due in 2017 with a request for renewal in 2017.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$62,500	\$62,500	\$0	\$0	\$0	\$125,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$62,500	\$62,500	\$0	\$0	\$0	\$125,000



Version: **2019 Budget**

Project Title: **Data Back-up System Replacement - 2**

Project Year(s): **2020 to 2023**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$300,000**

Future Funding: **\$0**

Project # : **IS-2020-008**

Current Status : **Board**

Project Description :

This is a project to upgrade 6-data back-up appliances that are used to back-up data across the enterprise.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2017 and expires in 2020. A new 4-year lease will need to commence starting in December of 2019.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000



Version: **2019 Budget**

Project Title: **Desktop Computer Replacement**

Project Year(s): **2017 to 2020**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$166,500**

Total Funding: **\$333,000**

Future Funding: **\$0**

Project # : **IS-2017-005**

Current Status : **Board**

Project Description :

This is a project to upgrade 325-personal computers across the computing enterprise of the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$83,250	\$83,250	\$0	\$0	\$0	\$166,500
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$83,250	\$83,250	\$0	\$0	\$0	\$166,500

Estimated Life of Item (years):

4

Year of Estimate:

2015

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a typical technology refresh that occurs every four years and is funded through leases charged to the IT Fund. There is a total of four separate leases that will become due in 2017 with a request for renewal in 2017.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$83,250	\$83,250	\$0	\$0	\$0	\$166,500
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$83,250	\$83,250	\$0	\$0	\$0	\$166,500



Version: **2019 Budget**

Project Title: **Fire Department Mobile Data Terminal Upgrade**

Project Year(s): **2020 to 2023**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$125,000**

Future Funding: **\$0**

Project # : **IS-2020-003**

Current Status : **Board**

Project Description :

This is a project to upgrade mobile data terminals in use at the Topeka Fire Department.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$31,250	\$31,250	\$31,250	\$31,250	\$125,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$31,250	\$31,250	\$31,250	\$31,250	\$125,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2016 and expires in 2020. A new 4-year lease will need to commence starting in December of 2019.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$31,250	\$31,250	\$31,250	\$31,250	\$125,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$31,250	\$31,250	\$31,250	\$31,250	\$125,000



Version: **2019 Budget**

Project Title: **Microsoft Enterprise Agreement**

Project Year(s): **2019 to 2021**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$950,000**

Future Funding: **\$0**

Project # : **IS-2019-002**

Current Status : **Board**

Project Description :
This is a contract renewal for the Microsoft Enterprise Agreement. This agreement provides licensing for the Microsoft Desktop Operating System and the Microsoft Office Suite for all computers in the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$316,667	\$316,667	\$316,667	\$0	\$0	\$950,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$316,667	\$316,667	\$316,667	\$0	\$0	\$950,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This is a contract renewal for the Microsoft EA Agreement. The contract will be renewed in 2019 and funded from IT Fund.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$316,667	\$316,667	\$316,666	\$0	\$0	\$950,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$316,667	\$316,667	\$316,666	\$0	\$0	\$950,000



Version: **2019 Budget**

Project Title: **Network Switch Upgrade - Phase -1**

Project Year(s): **2019 to 2022**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$500,000**

Future Funding: **\$0**

Project # : **IS-2019-001**

Current Status : **Board**

Project Description :

This is a project to upgrade 100-network switches across the computing enterprise of the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$125,000	\$125,000	\$125,000	\$125,000	\$0	\$500,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$125,000	\$125,000	\$125,000	\$125,000	\$0	\$500,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund 613125912552801. The current lease commenced in 2015 and expires in 2019. A new 4-year lease will need to commence starting in December of 2018.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$125,000	\$125,000	\$125,000	\$125,000	\$0	\$500,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$125,000	\$125,000	\$125,000	\$125,000	\$0	\$500,000



Version: **2019 Budget**

Project Title: **Network Switch Upgrade - Phase -2**

Project Year(s): **2020 to 2023**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$87,512**

Future Funding: **\$0**

Project # : **IS-2020-001**

Current Status : **Board**

Project Description :

This is a project to upgrade 43-network switches across the computing enterprise of the City.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$21,878	\$21,878	\$21,878	\$21,878	\$87,512
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$21,878	\$21,878	\$21,878	\$21,878	\$87,512

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2016 and expires in 2020. A new 4-year lease will need to commence starting in December of 2019.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$21,878	\$21,878	\$21,878	\$21,878	\$87,512
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$21,878	\$21,878	\$21,878	\$21,878	\$87,512



Version: **2019 Budget**

Project Title: **Police Department Mobile Data Terminal Upgrade Phase-1**

Project Year(s): **2020 to 2023**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$225,000**

Future Funding: **\$0**

Project # : **IS-2020-004**

Current Status : **Board**

Project Description :

This is a project to upgrade mobile data terminals in use at the Topeka Police Department.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$56,250	\$56,250	\$56,250	\$56,250	\$225,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$56,250	\$56,250	\$56,250	\$56,250	\$225,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT Staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2016 and expires in 2020. A new 4-year lease will need to commence starting in December of 2019.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$56,250	\$56,250	\$56,250	\$56,250	\$225,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$56,250	\$56,250	\$56,250	\$56,250	\$225,000



Version: **2019 Budget**

Project Title: **Police Department Mobile DataTerminal Upgrade Phase-2**

Project Year(s): **2020 to 2023**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$100,000**

Future Funding: **\$0**

Project # : **IS-2020-005**

Current Status : **Board**

Project Description :

This is a project to upgrade mobile data terminals in use at the Topeka Police Department.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2016 and expires in 2020. A new 4-year lease will need to commence starting in December of 2019.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000



Version: **2019 Budget**

Project Title: **Security Systems Replacement**

Project Year(s): **2017 to 2020**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **IT Server Room**

Category: **Facilities**

Contact Phone: **368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$105,000**

Total Funding: **\$210,000**

Future Funding: **\$0**

Project # : **IS-2017-006**

Current Status : **Board**

Project Description :

This is a project to upgrade 3-IT security appliances that protect the enterprise IT system from cyber attacks.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$52,500	\$52,500	\$0	\$0	\$0	\$105,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$52,500	\$52,500	\$0	\$0	\$0	\$105,000

Estimated Life of Item (years):

4

Year of Estimate:

2015

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a typical technology refresh that occurs every four years and is funded through leases charged to the IT Fund. There is a one year lease that will become due in 2017 with a request for renewal in 2017.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$52,500	\$52,500	\$0	\$0	\$0	\$105,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$52,500	\$52,500	\$0	\$0	\$0	\$105,000



Version: **2019 Budget**

Project Title: **Security Systems Replacement - 2**

Project Year(s): **2020 to 2023**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$260,000**

Future Funding: **\$0**

Project # : **IS-2020-002**

Current Status : **Board**

Project Description :
This is a project to upgrade 4-IT security appliances that protect the enterprise IT infrastructure from Cybersecurity attacks.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$65,000	\$65,000	\$65,000	\$65,000	\$260,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$65,000	\$65,000	\$65,000	\$65,000	\$260,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2017 and expires in 2020. A new 4-year lease will need to commence starting in December of 2019.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$65,000	\$65,000	\$65,000	\$65,000	\$260,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$65,000	\$65,000	\$65,000	\$65,000	\$260,000



Version: **2019 Budget**

Project Title: **Storage Area Network Upgrade**

Project Year(s): **2020 to 2023**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **Repair/Replace**

Project Location: **Citywide**

Category: **Facilities**

Contact Phone: **785-368-3718**

Contact Name: **Mark Biswell**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$650,000**

Future Funding: **\$0**

Project # : **IS-2020-006**

Current Status : **Board**

Project Description :
This is a project to upgrade the enterprise Storage Area Network (SAN). The SAN is where all network storage for City computers and servers is stored.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$162,500	\$162,500	\$162,500	\$162,500	\$650,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$162,500	\$162,500	\$162,500	\$162,500	\$650,000

Estimated Life of Item (years):

4

Year of Estimate:

2016

Source of Estimate:

IT staff

Estimated Annual operating Cost :

This upgrade is a technology refresh that occurs every four years and is funded through a lease charged to the IT Fund. The current lease commenced in 2016 and expires in 2020. A new 4-year lease will need to commence starting in December 2019.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$162,500	\$162,500	\$162,500	\$162,500	\$650,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$162,500	\$162,500	\$162,500	\$162,500	\$650,000



Version: **2019 Budget**

Project Title: **Microsoft Azure**

Project Year(s): **2018 to 2020**

Dept/Div: **61312 - INFORMATION TECHNOLOGY**

Type: **New**

Project Location: **COT**

Category: **Facilities**

Contact Phone: **785-368-2578**

Contact Name: **Sherry Schoonover**

Alternate Phone:

Previous Funding: **\$150,000**

Total Funding: **\$300,000**

Future Funding: **\$0**

Project # : **IS-2018-001**

Current Status : **Board**

Project Description :

This is a contract with Microsoft to license the Azure Platform to implement a data warehouse (handle exponential data growth without leaving security, scalability, or analytics behind) to store all City's historical, mission critical information. 2nd phase is big data analytics and development and test environment. Simplify and speed up the process of building and testing applications across every platform. This is also the foundation for all Office 365 and other cloud initiatives.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$150,000	\$0	\$0	\$0	\$0	\$150,000

Estimated Life of Item (years):

5

Year of Estimate:

2018

Source of Estimate:

Staff

Estimated Annual operating Cost :

-

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Parking Fund	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$150,000	\$0	\$0	\$0	\$0	\$150,000



Parking Fund Cash Projects



Version: 2019 Budget

Project Title: **Parking Garage Systems (Hardware and Software Upgrade)**

Project Year(s): **2018 to 2027**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **Repair/Replace**

Project Location: **Downtown Topeka**

Category: **Facilities**

Contact Phone: **785-368-3934**

Contact Name: **Vincent Schuetz, Facilities**

Alternate Phone:

Previous Funding: **\$138,000**

Total Funding: **\$723,000**

Future Funding: **\$260,000**

Project # : **131055.00**

Current Status : **Board**

Project Description :
Replacement of existing "Scan-Net" parking maintenance management system (computerized) as well as gate/entry and exit (ticket) automated systems and related hardware. Centre City Garage to be completed in 2016. Townsite Garage in 2017. Park-N-Shop Office in 2018. Crosby Street Garage in 2019. Ninth Street Garage in 2020. 512 Jackson in 2021. Park-N-Shop's software upgrade was partially completed in 2016, but part of it has been pushed into 2018 due to more acute circumstances in other garage locations.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Contingency	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000

Estimated Life of Item (years):

10

Year of Estimate:

2017

Source of Estimate:

Staff

Estimated Annual operating Cost :

Estimates provided by Fisher Parking.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$65,000	\$65,000	\$65,000	\$65,000	\$65,000	\$325,000



Version: **2019 Budget**

Project Title: **512 Jackson Elevator Upgrade**

Project Year(s): **2019 to 2020**

Dept/Div: **6153070 - FACILITIES OPERATIONS**

Type: **Repair/Replace**

Project Location: **512 Jackson Garage**

Category: **Facilities**

Contact Phone: **785-806-0178**

Contact Name: **Vincent Schuetz**

Alternate Phone:

Previous Funding: **\$0**

Total Funding: **\$211,762**

Future Funding: **\$0**

Project # : **131053.00**

Current Status : **Board**

Project Description :
512 Jackson Garage has two elevators servicing six levels, both need to be modernized, which includes replacing and installing vital components. Updating is estimated to be cheaper than full replacement. This will improve the overall performance of the elevators, making them compliant with current life safety, handicap and elevator code requirements.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$105,881	\$105,881	\$0	\$0	\$0	\$211,762
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$105,881	\$105,881	\$0	\$0	\$0	\$211,762

Estimated Life of Item (years):

30 Years

Year of Estimate:

2020

Source of Estimate:

Staff

Estimated Annual operating Cost :

Estimate was used from the elevator upgrade at the Park N Shop Garage.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$105,881	\$105,881	\$0	\$0	\$0	\$211,762
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$105,881	\$105,881	\$0	\$0	\$0	\$211,762



Version: **2019 Budget**

Project Title: **9th Street Garage Elevator Upgrade**

Project Year(s): **2018 to 2019**

Dept/Div: **6153070 - FACILITIES OPERATIONS**

Type: **Repair/Replace**

Project Location: **9th Street Parking Facility**

Category: **Facilities**

Contact Phone: **785-806-0178**

Contact Name: **Vincent Schuetz**

Alternate Phone:

Previous Funding: **\$123,528**

Total Funding: **\$247,056**

Future Funding: **\$0**

Project # : **131054.00**

Current Status : **Board**

Project Description :
9th Street Garage has two elevators servicing seven levels, both need to be modernized, which includes replacing and installing vital components. Updating is estimated to be cheaper than full replacement. This will improve the overall performance of the elevators, making them compliant with current life safety, handicap and elevator code requirements.

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$123,528	\$0	\$0	\$0	\$0	\$123,528
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$0	\$0	\$0	\$0	\$0	\$0
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$123,528	\$0	\$0	\$0	\$0	\$123,528

Estimated Life of Item (years):

30 Years

Year of Estimate:

2019

Source of Estimate:

Staff

Estimated Annual operating Cost :

Estimate was used from the elevator upgrade at the Park N Shop Garage.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$123,528	\$0	\$0	\$0	\$0	\$123,528
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$123,528	\$0	\$0	\$0	\$0	\$123,528



Version: **2019 Budget**

Project Title: **Parking Facility Capital Repairs**

Project Year(s): **2019 to 2023**

Dept/Div: **10130 - PUBLIC WORKS**

Type: **New**

Project Location: **Downtown Topeka**

Category: **Facilities**

Contact Phone: **785-383-3143**

Contact Name: **Brenda Hayes**

Alternate Phone: **785-221-5233**

Previous Funding: **\$0**

Total Funding: **\$1,915,000**

Future Funding: **\$0**

Project # : **131062.00**

Current Status : **Board**

Project Description :
Implement Comprehensive Parking Plan Recommendations

Project Schedule and Estimate

	2019	2020	2021	2022	2023	5 year totals
Design/Admin Fees	\$0	\$0	\$0	\$0	\$0	\$0
Right of Way	\$0	\$0	\$0	\$0	\$0	\$0
Construction/Service Fees	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0
Technology	\$383,000	\$383,000	\$383,000	\$383,000	\$383,000	\$1,915,000
Financing Costs (Temp Notes)	\$0	\$0	\$0	\$0	\$0	\$0
Cost of Issuance (Rev/GO Bonds)	\$0	\$0	\$0	\$0	\$0	\$0
Debt Reserve Fund (Rev Bond)	\$0	\$0	\$0	\$0	\$0	\$0
Capitalized Interest	\$0	\$0	\$0	\$0	\$0	\$0
	\$383,000	\$383,000	\$383,000	\$383,000	\$383,000	\$1,915,000

Estimated Life of Item (years):
10

Year of Estimate:
2020

Source of Estimate:
**Staff/Desmond
recommendations**

Estimated Annual operating Cost :
Software maintenance costs will be absorbed into operating budget.

Amount by Source of Financing

	2019	2020	2021	2022	2023	5 year totals
Cash	\$0	\$0	\$0	\$0	\$0	\$0
City Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
County Sales Tax	\$0	\$0	\$0	\$0	\$0	\$0
Donations	\$0	\$0	\$0	\$0	\$0	\$0
Facilities Fund	\$0	\$0	\$0	\$0	\$0	\$0
Federal Funds	\$0	\$0	\$0	\$0	\$0	\$0
Fleet Fund	\$0	\$0	\$0	\$0	\$0	\$0
G.O. Bond	\$0	\$0	\$0	\$0	\$0	\$0
IT Fund	\$0	\$0	\$0	\$0	\$0	\$0
Parking Fund	\$383,000	\$383,000	\$383,000	\$383,000	\$383,000	\$1,915,000
Revenue Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water	\$0	\$0	\$0	\$0	\$0	\$0
Waste Water	\$0	\$0	\$0	\$0	\$0	\$0
Water	\$0	\$0	\$0	\$0	\$0	\$0
	\$383,000	\$383,000	\$383,000	\$383,000	\$383,000	\$1,915,000



Appendix

2019-2028 FUTURE FUNDING LIST



The City has far more infrastructure needs than funding available. Below is a nonexclusive list of currently unfunded projects. These are projects that have been identified as potential projects in the next 5 –10 years, but are not included in the Capital Improvement Plan due to funding constraints. Note there may be additional unfunded projects that aren't included below. This list is a "living document" which will be added to throughout the year and considered each year

2019-2028 CIP Future Funding List (Currently Unfunded)

Project Title	Type	Estimated Cost	Reason
City Hall Pocket Park	PW	\$ 500,000	Repalce parking lot between City Hall and County Administration with new parking lot and pocket park features.
Council Chamber Renovation	PW	\$ 500,000	Modernize Council Chambers.
Fleet Replacement	PW	\$ 17,500,000	Unfunded
OnBase (ECM) & Document Preservation	PW	\$ 325,000	Unfunded
SE Indiana Avenue – SE 42 nd Street to SE 45 th Street	Street	\$ 1,500,000	New Road Construction, Future Resid. Devel.
Southwest Parkway – SW Gage Blvd. to SW Wanamaker Road	Street	\$ 11,000,000	New Road Construction, Future Development
Sustainability Initiative: High Efficiency LEDs	PW	\$ 903,400	Unfunded
SW 21st Street from I-470 Bridges To Fairlawn Road	Street	\$ 2,000,000	Maintain Existing Street
SW 45 th Street – SW Gage Blvd. to SW Burlingame Road	Street	\$ 6,500,000	Road Expansion, Future Residential Devel.
SW 45 th Street – SW Gage Blvd. to SW Burlingame Road (portion in County)	Street	\$ 6,500,000	Road Expansion, Future Residential - Development driven
SW 57 th Street – SW Topeka Blvd. to Hwy 75	Street	\$ 5,200,000	Road Expansion, Future Industrial Devel.
SW Fairlawn Road – SW 37 th Street to Southwest Parkway	Street	\$ 2,800,000	New Road Construction, Future Development
TPAC Rennovations	PW	\$ 1,874,000	Unfunded
Union Pacific Railroad Pedestrian Crossing N. Ks Ave./NOTO	Street	\$ 1,300,000	Safety
Annual Water Main Replacement Program 2019	Utilities	\$ 4,500,000	For utilities to maintain 100 year replacement cycle
Annual Water Main Replacement Program 2020	Utilities	\$ 4,000,000	For utilities to maintain 100 year replacement cycle
Annual Water Main Replacement Program 2021	Utilities	\$ 4,000,000	For utilities to maintain 100 year replacement cycle
Annual Water Main Replacement Program 2022	Utilities	\$ 4,000,000	For utilities to maintain 100 year replacement cycle
Annual Water Main Replacement Program 2023	Utilities	\$ 4,000,000	For utilities to maintain 100 year replacement cycle
Annual Water Main Replacement Program 2024	Utilities	\$ 4,000,000	For utilities to maintain 100 year replacement cycle
Annual Water Main Replacement Program 2025	Utilities	\$ 4,000,000	For utilities to maintain 100 year replacement cycle
Annual Water Main Replacement Program 2026	Utilities	\$ 3,000,000	For utilities to maintain 100 year replacement cycle
Annual Water Main Replacement Program 2027	Utilities	\$ 1,000,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2019	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2020	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2021	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2022	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2023	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2024	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2025	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2026	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2027	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
Annual Water Plant Rehabilitation Program 2028	Utilities	\$ 500,000	For utilities to maintain 100 year replacement cycle
2.0-MG East Elevated Tank - SE California Avenue	Utilities	\$ 6,000,000	For utilities to maintain 100 year replacement cycle
SW Wenger - Home Depot to SW 57th - 16"; SW 57th - SW Wenger to SW Topeka - 18"	Utilities	\$ 2,462,950	Transmission main extension into South Zone
SW MacVicar - SW 29th to SW 37th - 24"	Utilities	\$ 2,400,525	Transmission main extension
Montara Pump Station - SW 57th to SW University - 24"	Utilities	\$ 2,264,325	Transmission main extension
South Elevated Tank; SW 65th Street	Utilities	\$ 5,441,100	For utilities to maintain 100 year replacement cycle
18" on SE California - SE 21st to SE 28th	Utilities	\$ 1,410,000	For utilities to maintain 100 year replacement cycle
Topeka Blvd- University to Ormsby	Utilities	\$ 1,740,000	For utilities to maintain 100 year replacement cycle
Central Zone Improvements	Utilities	\$ 30,000,000	For utilities to maintain 100 year replacement cycle
Soldier Township Zone Improvements	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Soldier Township Zone Boundary Optimization	Utilities	\$ 528,000	For utilities to maintain 100 year replacement cycle



2019-2028 CIP Future Funding List (Currently Unfunded)

Project Title	Type	Estimated Cost	Reason
West Zone Improvements	Utilities	\$ 2,500,000	For utilities to maintain 100 year replacement cycle
West Zone Boundary Optimization	Utilities	\$ 7,288,000	For utilities to maintain 100 year replacement cycle
Southeast Zone Improvements	Utilities	\$ 10,328,000	For utilities to maintain 100 year replacement cycle
Southeast Zone Boundary Optimizations	Utilities	\$ 6,844,000	For utilities to maintain 100 year replacement cycle
Montara Zone Improvements	Utilities	\$ 12,080,000	For utilities to maintain 100 year replacement cycle
0.5-MG Southeast Elevated Tank - SE 41st St	Utilities	\$ 2,150,000	For utilities to maintain 100 year replacement cycle
Annual Wastewater Lining & Replacement Program	Utilities	\$ 8,000,000	For utilities to maintain 100 year replacement cycle
Annual Wastewater Lining & Replacement Program	Utilities	\$ 7,000,000	For utilities to maintain 100 year replacement cycle
Annual Wastewater Lining & Replacement Program	Utilities	\$ 6,000,000	For utilities to maintain 100 year replacement cycle
Annual Wastewater Lining & Replacement Program	Utilities	\$ 5,000,000	For utilities to maintain 100 year replacement cycle
Annual Wastewater Lining & Replacement Program	Utilities	\$ 2,000,000	For utilities to maintain 100 year replacement cycle
Annual Wastewater Lining & Replacement Program	Utilities	\$ 2,000,000	For utilities to maintain 100 year replacement cycle
Annual Wastewater Lining & Replacement Program	Utilities	\$ 1,000,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2019	Utilities	\$ 5,600,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2020	Utilities	\$ 5,600,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2021	Utilities	\$ 5,600,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2022	Utilities	\$ 4,500,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2023	Utilities	\$ 4,200,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2024	Utilities	\$ 5,000,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2025	Utilities	\$ 5,000,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2026	Utilities	\$ 5,000,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2027	Utilities	\$ 5,000,000	For utilities to maintain 100 year replacement cycle
Annual Storm Conveyance System Rehab 2028	Utilities	\$ 5,000,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2019	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2020	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2021	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2022	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2023	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2024	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2025	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2026	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2027	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Annual Shunga Flood Mitigation Program 2028	Utilities	\$ 1,700,000	For utilities to maintain 100 year replacement cycle
Oakland WWTP Secondary Influent Line Access Rehab	Utilities	\$ 2,500,000	For utilities to maintain 100 year replacement cycle
Update to Facility Collection Model	Utilities	\$ 1,500,000	For utilities to maintain 100 year replacement cycle
Sum:		\$ 293,539,300	

SUMMARY OF CHANGES 2018-22 AND 2019-23



Below is a comparison document that details difference in funding amounts for 2018-2022 CIP projects and 2019-2023 CIP projects. A reason is also given for the funding change.

Comparison of the Adopted 2018-2022 CIP to the Proposed 2019-2023 CIP	2018-2022 Adopted 5 Year Total	2019-2023 Proposed 5 Year Total	Why the funding amount changed
Neighborhoods			
Neighborhood Infrastructure	\$7,000,000	\$8,200,000	Inflation
Public Safety			
Fire Station (FS #14)	\$5,776,261	\$5,776,261	No change
Fire Station (FS #13)	\$5,776,261	\$0	Already approved for 2018
Two Engines (8/10 2018 CIP, 1288/1289 2019 CIP)	\$1,345,500	\$1,570,000	Construction inflation
Purchase Two Engine Apparatus (Engines 1 & 11)	\$1,345,500	\$0	Already approved for 2018
Purchase One Aerial Apparatus (Aerial 8)	\$1,345,500	\$1,300,000	Decreased costs in equipment
Purchase 2 Trucks (Trucks 3 & 9)	\$1,552,500	\$0	Trucks now scheduled for 2024 and 2028
Two Engines (3/9 2018 CIP, 1437/1438 2019 CIP)	\$1,424,670	\$1,700,000	Construction inflation
Fire Portable Radios	\$693,450	\$693,450	No change
Apparatus - Aerial (1501)	\$0	\$1,665,000	New project
Apparatus - Engine (1436)	\$0	\$820,000	New project
Apparatus - Engine (1439)	\$0	\$820,000	New project
Fire Hazmat Vehicle (1136)	\$0	\$850,725	New project
Traffic			
Traffic Safety Projects	\$1,100,000	\$1,100,000	No change
Traffic Signal Replacement	\$4,425,000	\$3,292,420	Reduced to meet G.O. bond cap
Downtown Traffic Signal Coordination	\$0	\$290,000	New project
Public Works facilities Assessment	\$380,000	\$0	Reclassified in 2019 as Facilities project and pushed past first 5 years
Streets			
Complete Streets	\$500,000	\$500,000	No change
Citywide Infrastructure	\$1,000,000	\$1,125,000	Increased annual funding
SE California Ave. -- 29th St. to 33rd St.	\$500,000	\$0	Completed
Bike Lanes on SE 6th & SE 10th Ave Bridges over I-70	\$500,000	\$500,000	No change
SW Arvonla Place/Huntoon Street/I-470 Ramps	\$3,641,500	\$1,431,500	Additional \$1,040,000 Citywide funding is shown in project #841017.02. Construction cost estimate decreased
Infill Sidewalks/Pedestrian Master Plan	\$3,000,000	\$3,000,000	No change; note this was moved to neighborhood section for 2019 cip
SW 10th Avenue -- SW Fairlawn Road to SW Wanamaker Road	\$5,600,000	\$2,682,652	Additional \$2,808,850 Citywide funding is shown in project #841060.00
SW Wanamaker Rd/SW Huntoon/ I470 Ramps	\$2,200,000	\$1,000,000	Additional \$1.2m Citywide funding shown in project #841017.02 2019 and #841060.00 2020 forward. Additional Federal
NW Tyler St, NW Lyman Rd to NW Beverly St	\$1,900,000	\$889,334	Additional \$1,248,000 Citywide funding is shown in project #841060.00
SE 29th Street/KTA Interchange	\$500,000	\$500,000	No change
SW 29th St Burlingame to Mulvane	\$50,000	\$0	Past project
SE Quincy St from 6th-8th	\$300,000	Citywide 1/2 cent	All \$300,000 Citywide 1/2 cent funding is shown in project #841060.00.
SW 10th Wanamaker-SW Gerald	\$150,000	\$1,565,000	2023 construction
Kansas Avenue Project 1st-6th	\$300,000	\$7,685,000	Additional \$7,515,000 Citywide funding is shown in project #841060.00. 2023 construction costs added.
Wayfinding Signs (A & B)	\$470,000	\$670,000	Expanded project
SW Urish Road, SW 21st Street to SW 29th Street	\$0	\$450,000	New project
NW Tyler Street, NW Beverly Street to NW Paramore Street	\$0	\$50,000	New project
S. Topeka Blvd from 21st Street to 29th Street	\$0	\$100,000	New project
SE Quincy Street from 8th Street to 10th Street	\$0	\$90,000	New project
SW 29th Street from Topeka Blvd to Burlingame Road.	\$0	\$75,000	New project
SW Gage Blvd. from I-70 to 6th Street	\$0	\$125,000	New project
SW Huntoon Street, SW Executive Drive to SW Urish Road	\$0	\$350,000	New project
Quality of Life			
Zoo Parking Lot Resurfacing and Enlargement Phase 1	\$416,079	\$0	See 'Zoo - Storm Drainage, Parking, Group Entrance'
Zoo Tropical Rain Forest HVAC Replacement	\$243,432	\$255,603	Increased slightly to account for inflation
Zoo Discovering Apes Roof Replacement	\$191,009	\$0	Pushed back
Kay's Garden	\$2,233,086	\$0	2018 project
Zoo Public Area Electrical Upgrade	\$262,500	\$275,625	Increased slightly to account for inflation
Zoo - School and Group Entrance and Parking Lot Phase 2	\$600,000	\$0	See 'Zoo - Storm Drainage, Parking, Group Entrance'
Zoo Public Path Barrier Replacement Project	\$500,000	\$500,000	No change
Zoo Commissary	\$0	\$236,250	New project
Zoo Public Path	\$0	\$255,150	New project
Zoo - Storm Drainage, Parking, Group Entrance	\$0	\$1,456,000	New project
City Facilities			
Municipal Building Renovations (2 Projects: Elect/HVAC/Mechanical and Abatement/Plumbing)	\$8,200,000	\$6,850,000	Retitled 'City Hall Renovations'. 2018 funding used.



Comparison of the Adopted 2018-2022 CIP to the Proposed 2019-2023 CIP	2018-2022 Adopted 5 Year Total	2019-2023 Proposed 5 Year Total	Why the funding amount changed
Utilities/Wastewater Fund			
Wastewater Lining & Replacement Program	\$22,000,000	\$28,000,000	Increased funding is needed in the replacement program to achieve a more responsible replacement cycle
Lining Repairs - NTWWTP and Wanamaker PS	\$1,178,414	\$0	2018 project
Eastside IS-Relief-CSO#3 to Ash St PS	\$8,348,760	\$13,483,655	Scope was further clarified upon completion of investigative work
NTWWTP Nutrient Removal	\$6,363,627	\$6,363,627	No change
Oakland WWTP - UV Expansion	\$2,703,750	\$5,486,362	Equipment costs including all appurtenances have been determined
Wastewater Plant Operations Equipment & Fleet Maint. & Replacement Program	\$1,500,000	\$1,500,000	No change
Annual WPC Inflow & Infiltration Program & Neighborhood Infrastructure	\$2,500,000	\$2,500,000	No change
Oakland Wastewater Treatment Plant Solids Handling/Facility Upgrades Phase II	\$10,500,000	\$2,664,147	2018 funding of \$10.5 million and additional costs of \$2.66 million have been determined through the design process.
Annual WPC Facility Rehabilitation Program	\$5,000,000	\$5,000,000	No change
Annual Small WW Pump Station Rehab & Repl Program	\$7,500,000	\$7,500,000	No change
Annual Sanitary Sewer Interceptor Maint & Rehab	\$7,500,000	\$7,500,000	No change
Wanamaker Force Main Rehab Replacement	\$8,500,000	\$0	2018 project
Ash St Force Main Replacement	\$2,500,000	\$4,605,996	Additional assets were identified for replacement to ensure the critical process functions are maintained.
Shunga Pump Station Rehab	\$6,500,000	\$0	2018 project
Oakland Aerator & Mixing Replacement	\$2,500,000	\$1,237,350	Additional electrical requirements were determined through the design phase development
Grant/Jefferson Pump Station Rehab	\$10,321,000	\$9,000,000	2018 CIP included \$1,321,000, thus the total project cost remains unchanged at \$10,321,000.
Oakland WWTP - Headworks Generator	\$850,000	\$0	2018 project
North Topeka Pump Station Rehabilitation	\$2,846,000	\$2,846,000	No change
Condition Assessment - WW Treatment Plants	\$0	\$200,000	New project
Oakland WWTP Sludge Thickening Process Upgrade	\$0	\$8,612,000	New project
Oakland Backup Generators	\$0	\$5,497,000	New project
WPC SCADA System Upgrade	\$0	\$4,050,000	New project
Combined Sewer Overflow Plan	\$0	\$2,025,000	New project
Neighborhood Infrastructure	In utilities project	\$750,000	No change
Utilities/Stormwater Fund			
Annual Storm Conveyance System Rehab	\$12,500,000	\$9,500,000	Reallocated program funding for major Storm Conveyance Rehab Fairlawn Storm Project 2019
Kansas River Levee System Rehabilitation - Ph. II	\$2,700,000	\$0	2018 project
Annual Stormwater Operations Equipment & Fleet Maint. & Replacement Program	\$1,500,000	\$1,500,000	No change
Annual Drainage Correction Program	\$1,500,000	\$1,500,000	No change
Annual Levee Asset Repair / Rehab	\$1,000,000	\$1,000,000	No change
Annual BMP Development & Construction Program	\$1,100,000	\$1,250,000	Increased funding is needed in the replacement program to achieve a more responsible replacement cycle
In-situ Storm Sewer Repair/rehabilitation: Fairlawn 22nd Park to 28th St. Construction Services	\$0	\$3,300,000	New project
Utilities/Water Fund			
Annual Water Main Replacement Program	\$17,500,000	\$19,500,000	Increased funding is needed in the replacement program to achieve a more responsible replacement cycle
Annual Water Plant Rehabilitation Program	\$5,000,000	\$5,000,000	No change
18" on Indian Hills Rd., SW 29th to 21st St.	\$1,288,250	\$0	2018 project
East High Service Pumping Motor Control and Electrical Switch Gear	\$2,689,950	\$0	2018 project
2.0-MG West Elevated Tank - Indian Hills Road	\$4,744,300	\$0	2018 project
Annual Water Plant Operations Equipment & Fleet Maint. & Replacement Pr	\$2,000,000	\$2,000,000	No change
City-Wide Water Meter Replacement/AMI Upgrade	\$12,485,000	\$0	2018 project
CIS Utility Billing, Dynamic Portal, CS System	\$650,000	\$600,000	2018 funding of \$650,000 and increase needed to cover cost of meter management software and servers. Original budget was 3 year old estimate
Soldier Township Transmission Improvements	\$1,299,575	\$864,000	Updated construction estimate from design consultant
Disinfection Modification Phase I	\$10,000,000	\$8,560,000	Updated construction estimate from design consultant
18" on SW Fairlawn and SW 45th - SW 41st to SW Gage	\$2,213,250	\$0	2018 project
Disinfection Modification Phase II	\$12,000,000	\$9,705,000	Updated construction estimate from design consultant
16" on SW Wenger - Home Depot to SW 57th; 18" on SW 57th - SW Wenger	\$2,462,950	\$0	2018 project
24" on SW MacVicar - SW 29th to SW 37th	\$2,400,525	\$0	2018 project
East Filters Rehabilitation Phase II	\$0	\$5,185,000	New project
Supervisory Control and Data Acquisition (SCADA) Upgrades	\$0	\$3,875,000	New project
Water Treatment Modification	\$0	\$2,213,250	New project
West Plant Basin Rehabilitation	\$0	\$15,549,000	New project



Comparison of the Adopted 2018-2022 CIP to the Proposed 2019-2023 CIP	2018-2022 Adopted 5 Year Total	2019-2023 Proposed 5 Year Total	Why the funding amount changed
City Half-Cent Sales Tax Street Repair			
Maintain & Improve Existing Streets 2018	\$8,660,311	\$0	Past project
Maintain & Improve Existing Streets 2019	\$8,800,000	\$8,800,000	No change
ADA Street Curb Repair	\$600,000	\$1,500,000	Assume renewal; renamed 'ADA Sidewalk Ramp Program'.
Curbs, Gutters and Street Maintenance and Repair	\$3,000,000	\$7,500,000	Assumes renewal of sales tax
Alley Repair	\$500,000	\$1,250,000	Assumes renewal of sales tax
Sidewalk Repair Program	\$200,000	\$500,000	Assumes renewal of sales tax
Street Maintenance and Repair: Local Streets	\$5,886,000	\$2,888,000	2018 completed
Pavement Management Rehabilitation & Reconstruction Program (Micropaver) (Renewal)	\$0	\$46,800,000	New project; Assumes renewal
Street Contract Preventative Maintenance Program (Micropaver) (Renewal)	\$0	\$5,000,000	New project; Assumes renewal
Federal Funds			
Bridge on SW Cherokee St over Ward Cr.	\$730,000	\$0	2018 project
Bridge on SW 3rd St over Ward Cr.	\$800,000	\$750,000	2018 portion completed
Bridge on SE 29th Street over Butcher Creek	\$1,000,000	\$920,000	2018 portion completed
Neighborhoods Infrastructure (Housing Portion)	\$3,000,000	\$3,000,000	No change
Kansas River Levee System Rehabilitation - Ph. II	\$5,000,000	\$0	2018 project
Bridge Deck Patching and Polymer Overlay	\$1,200,000	\$1,200,000	No change
SW Arvonla Place/Huntoon Street/I-470 Ramps	\$1,000,000	\$0	2018 funding
SW Wanamaker Rd/SW Huntoon/ I470 Ramps	\$2,200,000	\$2,200,000	No change
General Fund/Debt Service Cash			
Fire House Annual Renovations	\$1,801,080	\$2,250,000	Needs required more funding
Police Department Fleet Replacement	\$2,800,000	\$3,250,000	Increased slightly
City4 TV Equipment Replacement	\$350,000	\$350,000	No change
Zoo Service Road Repair	\$217,060	\$0	2018 project
Self Contained Breathing Apparatus (SCBA)	\$796,520	\$784,732	Increased annual amount based on contract and 2018 already paid
Fire Station (FS #13) Furniture	\$200,000	\$0	2018 project
Fire Station (FS #14) Furniture	\$200,000	\$200,000	No change
GPS Based AVL System	\$400,000	\$500,000	Increased cost estimate
GeoCortex	\$59,280	\$159,280	Additional year of funding added
Body Worn Camera/Taser Equipment Replacement Plan	\$1,232,761	\$1,187,885	New project
Public Safety/Code Compliance at Municipal Buildings	\$500,000	\$500,000	No change
Rescue Vehicle (1317)	\$0	\$225,000	New project
ADA Assessment of Existing City Facilities	\$0	\$125,000	New project
Fire Hydrant Phase 2 (to 6th st.)	\$0	\$250,000	New project
Metasys Replacement Study: City Hall/Holiday/LEC	\$0	\$40,000	New project
Municipal Buildings Roof Replacement	\$0	\$750,000	New project
Asset Inventory/ Geospatial Updates	\$0	\$1,000,000	New project
Parking Fund Cash			
512 Jackson Elevator Upgrade	\$211,762	\$211,762	No change
9th Street Elevator	\$247,056	\$123,528	No change
Parking Garage Systems (Hardware and Software)	\$690,000	\$325,000	Cost spread over 10 years
Parking Facility Capital Repairs	\$0	\$1,915,000	New project
IT Fund Cash			
Telephone System Replacement	\$137,000	\$0	Completed
Desktop Computer Replacement	\$249,750	\$166,500	2018 completed
Security System Replacement	\$157,500	\$105,000	2018 completed
Data Back-up System Replacement	\$187,500	\$125,000	2018 completed
Citywide Single Payment Portal	\$190,000	\$0	2018 project
Citywide Asset Management Upgrade	\$660,000	\$0	Change in priorities
Microsoft Azure	\$300,000	\$150,000	Funding years changed
Network Switch Upgrade - Phase-1	\$500,000	\$500,000	No change
Computer Upgrade - 2	\$179,000	\$134,250	2018 completed
Microsoft Enterprise Agreement	\$950,000	\$950,000	No change
Network Switch Upgrade - Phase -2	\$65,634	\$87,512	2023 funding added
Computer Upgrade - 3	\$149,000	\$149,000	No change
Fire Department Mobile Data Terminal Upgrade	\$93,750	\$125,000	2023 funding added
Police Department Mobile Data Terminal Upgrade Phase - 1	\$168,750	\$225,000	2023 funding added
Police Department Mobile Data Terminal Upgrade Phase-2	\$75,000	\$100,000	2023 funding added
Storage Area Network Upgrade	\$487,500	\$650,000	2023 funding added
Security Systems Replacement - 2	\$195,000	\$260,000	2023 funding added
Computer Upgrade - 4	\$99,750	\$133,000	2023 funding added
Data Back-up System Replacement - 2	\$225,000	\$300,000	2023 funding added
Donations/Outside Funding Sources			
Zoo Masterplan	\$8,300,000	\$8,860,000	Slight funding increase
Kay's Garden	\$2,669,317	\$0	2018 project
Countywide Sales Tax Proposal (2017-2031)			
SW 6th-Gage to Fairlawn	\$3,100,000	\$0	2018 project
Zoo Master Plan	\$3,000,000	\$3,250,000	Slight funding increase
Bikeway Master Plan	\$1,500,000	\$1,000,000	Even year funding done for 2018
12th Street (2 lanes) - Gage to Kansas Ave	\$13,180,000	\$13,380,000	Slight funding increase
SE California-37th-45th	\$5,600,000	\$6,000,000	Slight funding increase
SW 17th Street, MacVicar to Interstate 470	\$1,300,000	\$5,900,000	Added costs in 2023
Pavement Management Project	\$9,990,000	\$6,660,000	2018 funding completed
Zoo - School and Group Entrance and Parking Lot Phase 2	\$250,000	\$250,000	No change; renamed 'Zoo - Storm Drainage, Parking, Group Entrance'
Kay's Garden	\$500,000	\$0	2018 project
SW 29th Street from Fairlawn thru I470	\$0	\$1,445,000	New project
Huntoon (2 Lanes) Gage to SW Harrison	\$0	\$100,000	New project
Total:	\$378,308,880	\$429,773,806	