

2019 CAPITAL IMPROVEMENT PLAN ANNUAL REPORT

April 7, 2020

BACKGROUND

Each year the City Commission approves a five-year Capital Improvement Plan (CIP). This allows the City to identify needs of the community and prepare a long-term financial strategy to meet those needs. For a project to be considered for the CIP it must have an estimated cost of \$100,000 or more and have a useful life of two-years or more.

On August 14, 2018 the City Commission approved the budget for 2019. This included both operating costs and the 2019-2023 Capital Improvement Plan (CIP). This report provides a status update on all the CIP projects that were budgeted in year 2019. Projects that were budgeted prior to 2019 but completed in 2019 were omitted.

As is typical with any planning document, there have been some changes made to projects since adoption. Some of these changes include funding levels, funding source, and scope. These changes have been noted throughout the report and all received City Commission approval prior to the work being completed. For purposes of this report, "Expenditures" include expenses and encumbrances as of 12/31/2019.

SUMMARY

The FY 2019-2023 CIP had eighty-five (85) projects identified for FY 2019. As of December 31, 2019, the City had completed thirty (30) projects, and had not started six (6) projects, leaving forty-nine (49) projects in progress.

Below is an overview of projects by Department, and Fund, followed by a listing of projects we will be requesting to be added to the 2020 budget, and a synopsis of each project and what the current status is of that project.

Department	Total Projects	Not Started	In progress	Completed	2019 Current Budget	2019 Expenditures	Savings (Deficit)
City Manager's Office	3	0	3	0	\$ 872,000.00	\$ 319,589.00	\$ 552,411.00
Facility Repair & Maintenance	4	0	4	0	1,775,000.00	803,405.52	971,594.48
Finance	2	0	2	0	400,000.00	66,020.79	333,979.21
Fire Medical	5	0	4	1	5,007,820.00	2,045,856.15	2,961,963.85
Information Technology	3	1	0	2	330,000.00	237,905.81	92,094.19
Parks and Recreation	13	2	6	5	2,460,308.00	1,503,588.03	956,719.97
Police	4	0	3	1	19,308,000.00	16,769,524.54	2,538,475.46
Public Transit	3	0	3	0	5,150,000.00	116,227.07	5,033,772.93
MSO - Streets	17	0	8	9	12,497,608.00	9,225,106.05	3,272,501.95
MSO - Airport	1	0	1	0	2,450,000.00	2,500.00	2,447,500.00
MSO - Solid Waste	8	1	0	7	2,415,000.00	1,336,256.00	1,078,744.00
MSO - Stormwater	2	0	2	0	1,250,000.00	1,085,626.44	164,373.56
Transit - Parking Enforcement	4	1	2	1	910,000.00	208,400.00	701,600.00
MSO - Utilities	16	1	11	4	31,217,681.00	13,177,896.02	18,039,784.98
TOTAL 2019 CIP	85	6	49	30	\$ 86,043,417.00	\$ 46,897,901.42	\$ 39,145,515.58

Fund	2019 Current Budget	2019 Expenditures	Savings (Deficit)
Airport	\$ 200,000.00	\$ 2,500.00	\$ 197,500.00
Capital Improvement Reserve Fund	2,030,000.00	667,203.64	1,362,796.36
Capital Improvement Sales Tax	3,464,000.00	2,348,868.26	1,115,131.74
General Fund	2,684,440.00	2,245,431.01	439,008.99
General Obligation Debt	30,645,168.00	22,888,453.99	7,756,714.01
Golf Course	125,000.00	-	125,000.00
Guest Tax Fund	125,000.00	121,268.32	3,731.68
Intergovernmental - County	358,960.00	-	358,960.00
Intergovernmental - Federal	2,793,035.00	451,612.00	2,341,423.00
Intergovernmental - State	761,133.00	533,653.00	227,480.00
Solid Waste	2,415,000.00	1,336,256.00	1,078,744.00
Stormwater	1,680,000.00	1,503,326.44	176,673.56
Public Parking Fund	310,000.00	100,000.00	210,000.00
Public Transit Sales Tax	5,230,000.00	116,227.07	5,113,772.93
Special Alcohol Fund	108,000.00	-	108,000.00
Special Equipment portion of sales tax	540,000.00	363,580.00	176,420.00
Special Equipment Reserve Fund	430,000.00	307,494.81	122,505.19
Special Gasoline Tax	406,000.00	303,572.18	102,427.82
Special Recreation Fund	420,000.00	364,537.89	55,462.11
Water/Wastewater	2,810,000.00	1,958,516.77	851,483.23
Water/Wastewater Bonded Debt	28,507,681.00	11,285,400.04	17,222,280.96
TOTAL 2019 CIP	\$ 86,043,417.00	\$ 46,897,901.42	\$ 39,145,515.58

REQUEST FOR REAPPROPRIATION

The following funds are needing to be reappropriated to continue with the projects listed in this report:

Fund	2019 Current Budget	2019 Expenditures	Request for Reappropriation
General	\$ 2,000.00	\$ -	\$ 2,000.00
Capital Improvement Reserve Fund	1,264,000.00	119,570.28	1,144,429.72
Capital Improvement Sales Tax	1,600,000.00	485,488.44	1,114,511.56
Airport	200,000.00	2,500.00	197,500.00
Golf Course	-	-	-
Guest Tax Fund	-	-	-
Solid Waste	850,000.00	-	850,000.00
Stormwater	200,000.00	36,308.00	163,692.00
Public Transit Sales Tax	80,000.00	-	80,000.00
Special Alcohol Fund	108,000.00	-	108,000.00
Special Equipment portion of sales tax	540,000.00	363,580.00	176,420.00
Special Equipment Reserve Fund	160,000.00	69,589.00	90,411.00
Water/Wastewater	2,060,000.00	1,386,567.79	673,432.21
Housing Sales Tax	350,000.00	250,000.00	100,000.00
TOTAL 2019 CIP	\$ 7,414,000.00	\$ 2,713,603.51	\$ 4,700,396.49

CITY MANAGER'S OFFICE

1. Affordable Housing Initiatives (GF19)

i **Brief Project Description:** To Support the acquisition, rehabilitation, and development of affordable housing and supportive services so that all persons in the community have access to independent living with dignity.

Project Status: In progress

2019 CIP Budget: \$350,000 Transferred from the General Fund

2019 Expenditures: \$250,000

Balance Remaining: \$100,000 will be requested for additional appropriation in FY 2020.

Project Update: The entire \$350,000 was transferred to the Housing Trust Fund. On October 8, 2019 the City commission approved the following allocations:

Habitat for Humanity \$50,000

Independence, Inc. \$25,000

Lawrence/Douglas County Housing Authority \$50,000

Tenants to Homeowners \$125,000.

2. City Hall Communications (CM1901)

i **Brief Project Description:** Updating the City Commission room audio/video system for streaming, recording and editing public meetings that was originally installed in 2012.

Project Status: In progress

2019 CIP Budget: \$100,000 Special Equipment Fund

2019 Expenditures: \$69,589

Balance Remaining: \$30,411 will be requested for additional appropriation in FY 2020.

Project Update: The sound system has been upgraded. The remaining funds will be spent in FY 2020 improving other areas related to audio/visual enhancements to the City Commission room such as replacing the ELMO unit for public presentations.

3. Two Percent for Art (CM1902)

i **Brief Project Description:** Resolution 7070 adopted in 2014 created a policy that public capital improvement projects including "city buildings (including renovation), parking facilities (including parking lots), park improvements, park land, and recreational facilities, all of which will require city funds in excess of \$10,000 and are listed in the annual capital improvements plan, have 2% of the project costs set aside for public art.

Project Status: In progress

2019 CIP Budget: \$422,000 \$2,000 General Fund; \$340,000 General Obligation Debt; \$80,000 Public Transit Fund

2019 Expenditures: \$0

Balance remaining: \$422,000 will be requested for additional appropriation in FY 2020.

Project Update: \$2,000 was set aside for the East Lawrence Recreation Center. \$340,000 is set aside in bond financing for the new Police Facility. \$80,000 is set aside in the Public Transit Sales Tax for the new Multi-modal facility. All projects are currently in progress.

FACILITY REPAIR AND MAINTENANCE

4. ITC Exterior Repair and HVAC system replacement (PW19B4CIP)

i **Brief Project Description:** The roof of the building is being replaced with a Thermoplastic Polyolefin roof with a 20-year warranty. The HVAC system replacement replaces two air handling units and associated temperature controls for about half the area on the upper floor and half the area on the lower floor.

Project Status: In Progress.

2019 CIP Budget: \$250,000 General Obligation Debt

2019 Expenditures: \$21,650

Balance Remaining: \$228,350 (Bond funds do not require annual appropriations)

Project Update: Contracts are working or are in place for HVAC work as well as roofing and tuck pointing of the building.

5. Riverbank Stabilization (PW17E3CIP)

i **Brief Project Description:** Repair retaining wall at Abe and Jake's.

Project Status: In Progress.

2019 CIP Budget: \$1,000,000 General Obligation Debt

2019 Expenditures: \$635,596

Balance Remaining: \$364,404 (Bond funds do not require annual appropriations)

Project Update: Construction scheduled to begin fall 2020.

6. Santa Fe Depot Parking Lot (PW19E3CIP)

i **Brief Project Description:** Parking lot improvements for the depot, and the construction of a trail head for the Lawrence Loop.

Project Status: In Progress.

2019 CIP Budget: \$400,000 \$200,000 General Obligation Debt; \$200,000 State Grant

2019 Expenditures: \$103,465 General Obligation Debt; \$0 State Grant

Balance remaining: \$296,535 \$96,535 General Obligation Debt; \$200,000 State Grant (Bond & Grant funds do not require annual appropriations)

Project Update: In progress.

7. Union Pacific Depot (PR1909CIP)

i **Brief Project Description:** Renovate the exterior and interior of the Union Pacific Depot. General painting inside and out, renovate the restrooms, replace flooring as needed, tuck-point exterior as needed.

Project Status: In Progress.

2019 CIP Budget: \$125,000 General Obligation Debt

2019 Expenditures: \$42,695

Balance Remaining: \$82,305 (Bond funds do not require annual appropriations)

Project Update: Project will be completed in 2020.

FINANCE DEPARTMENT

1. Customer Service move to 1st Floor (UB201901)

i **Brief Project Description:** Build a training and conference room in City Hall for use by Utility Billing customer service staff. This will include 18 workstations plus an instructor station, including large screen TV for display with video conferencing capabilities, speakers, desks, chairs, computers, keyboard, mice, large white board, and all other necessary equipment to fully furnish.

Project Status: In progress

2019 CIP Budget: \$100,000 Water/Wastewater Fund

2019 Expenditures: \$66,021

Balance Remaining: \$33,979 will be appropriated in FY 2020

Project Update: The customer service staff moved down to the first floor after the planning and development staff moved to the Riverfront offices as planned. However, due to the timeline of moving, and switching billing systems, we decided to hold off on the renovations to the exterior of the space until 2020. When the project is complete, there will be two windows: one for customers to pay utility bills, and a second window for general information. Both windows will be secured for the protection of staff.

2. Upgrade Financial System (FA1801CIP)

i **Brief Project Description:** The City is looking to replace its current financial system and hopes to consolidate some of the various software purchased over the years to compensate for the inadequacies of the current system.

Project Status: In progress

2019 CIP Budget: \$300,000 Capital Improvement Reserve Fund

2019 Expenditures: \$0

Balance Remaining: \$300,000 will be appropriated in FY 2020

Project Update: The funds set aside for this project were just a placeholder. The Finance Director led a City-Wide staff effort to select a consultant to assist with this substantial project. That group selected a vendor and contract negotiations are currently underway. Staff will be bringing that recommendation to the City Commission within the next two months. The consultant will then assist the City in determining the needs that are currently not being met by the city's software and develop an RFP to assist the City in finding a suitable replacement. We should have a more realistic cost plan before the end of 2020.

FIRE/MEDICAL

1. Apparatus Exhaust System (FM1807CIP)

i **Brief Project Description:** Install a vehicle diesel exhaust removal system in the apparatus bays of Fire Medical stations. This is a standalone, ceiling-suspended air filtration process powered by a blower that pulls, directs, and removes diesel exhaust fumes. The system has an electrically communicated motor technology that uses low amounts of energy.

Project Status: Completed

2019 CIP Budget: \$51,280 Douglas County EMS Funds

2019 Expenditures: \$0

Balance Remaining: \$51,280

Project Update: The exhaust removal systems have been installed in all fire medical stations. The project was completed in 2018.

2. Fire station #1 Renovations (FM1601)

i **Brief Project Description:** Remodel of Station #1 including space for the Senior Center.

Project Status: In progress

2019 CIP Budget: \$380,000 General Obligation Debt

2019 Expenditures: \$250,587

Balance Remaining: \$129,413 (Bond funds do not require annual appropriations)

Project Update: What is listed above is just the 2019 portion. Total project costs to date are \$6,713,418.42. The remaining balance will finish the last remaining items related to furnishings, final change orders for payment to General Contractor and architect. This project is currently under budget.

3. Fire/Medical Pavement replacement (PW19B7CIP)

i **Brief Project Description:** All the Fire/Medical facilities driveways and parking areas of concrete or asphalt need to be replaced.

Project Status: In progress.

2019 CIP Budget: \$2,631,180 General Obligation Debt

2019 Expenditures: \$1,424,716

Balance Remaining: \$1,206,464 (Bond funds do not require annual appropriations)

Project Update: Fire Stations 2, 3, 4, and training center station concrete pavement replacement complete. The Fire Station No. 5 parking lot was replaced as part of the 19th St Reconstruction – Phase B project. Final payment on that project is pending.

4. Personal Protective Equipment (FM1908CIP)

i **Brief Project Description:** A second set of personal protective equipment would better align the Department with standards set by the National Fire Protection Association. A 2nd set of gear allows more time for equipment to be cleaned preventing exposure to harmful carcinogens. Cancer is the #2 cause of death in the fire service.

Project Status: In progress

2019 CIP Budget: \$540,000 Sales Tax for Equipment

2019 Expenditures: \$363,580

Balance Remaining: \$176,420 will be appropriated in FY 2020

Project Update: The City contracted with WHP Training Towers for construction of the new Training Burn Tower. WHP completed construction in 2019. The City has entered into an agreement with Bartlett & West to design a security fence around the Training Burn Tower and parking lot as well as a new sidewalk along the north side of 20th St. Construction of the fence and sidewalk will be completed in 2020.

5. Training Burn Tower Replacement (FM1703CIP)

i **Brief Project Description:** Replacement of the Training Burn Tower at the Training Center constructed in 1993 and has been on the department's CIP request since 2010. Emergency structural repairs were completed in 2003 that extended its life; however, we are currently experiencing significant maintenance issues and must limit our live burns and continuously monitor structural stability due to rusting of wall sections.

Project Status: In progress

2019 CIP Budget: \$1,405,360 \$1,097,680 General Obligation Debt; \$307,680 Douglas County

2019 Expenditures: \$6,974 General Obligation Debt;

Balance Remaining: \$1,398,386 \$1,090,706 General Obligation Debt; \$307,680 Douglas County

Project Update: The City contracted with WHP Training Towers for construction of the new Training Burn Tower. WHP completed construction in 2019. The City has entered into an agreement with Bartlett & West to design a security fence around the Training Burn Tower and parking lot as well as a new sidewalk along the north side of 20th St. Construction of the fence and sidewalk will be completed in 2020.

INFORMATION TECHNOLOGY

1. Access Layer Switches (IT1701CIP)

i **Brief Project Description:** Several network infrastructure pieces are now reaching the end of their useful life. These are network switches that PCs, printers, and phones plug in to get network connectivity.

Project Status: Not started

2019 CIP Budget: \$60,000 Special Equipment Reserve

2019 Expenditures: \$0

Balance Remaining: \$60,000 will be requested for additional appropriation in FY 2020.

Project Update: This project will be completed in 2020.

2. Annual Fiber Projects (ITFIBER)

i **Brief Project Description:** Program to help offset costs related to fiber opportunities that are discovered throughout the year. The goal of the program is to get City facilities on fiber.

Project Status: Completed

2019 CIP Budget: \$150,000 Special Equipment Reserve

2019 Expenditures: \$117,448

Balance Remaining: \$32,552

3. IT Security Enhancements (ITSECCIP)

i **Brief Project Description:** I.T. has investigated several security and network systems upgrades that would help protect the City's network. Some evaluations were also of third-party company services.

Project Status: Completed

2019 CIP Budget: \$120,000 Special Equipment Reserve

2019 Expenditures: \$120,457

Balance Remaining: \$0

PARKS & RECREATION

1. Arboretum Bathroom Upgrade (PR1925CIP)

i **Brief Project Description:** Install new restroom at Rotary Arboretum. Located near the Lawrence Loop Trail.

Project Status: Complete

2019 CIP Budget: \$48,000 General Obligation Debt

2019 Expenditures: \$47,715

Balance Remaining: \$285

2. Arboretum Parking Lot Repair (PR1924CIP)

i **Brief Project Description:** The Arboretum parking lot pavement surfacing failed in late 2018. This project will remove the existing parking lot surface, improve the base, and resurface the parking lot.

Project Status: Completed

2019 CIP Budget: \$150,000 General Obligation Debt

2019 Expenditures: \$146,264

Balance Remaining: \$3,736

3. Burcham Park (PR1910CIP)

i **Brief Project Description:** Upgrade park shelter and playground.

Project Status: In progress

2019 CIP Budget: \$100,000 General Obligation Debt

2019 Expenditures: \$2,300

Balance Remaining: \$97,700 (Bond funds do not require annual appropriations)

Project Update: Project should be completed in the summer of 2020.

4. Downtown Brick Pavers – Year 3 of 3 (PR1913CIP)

i **Brief Project Description:** Upgrades to downtown brick pavers at the mid-blocks and corners. These bricks have been in place since the early 1970s and are in disrepair.

Project Status: Completed

2019 CIP Budget: \$125,000 Guest Tax Fund

2019 Expenditures: \$121,268

Balance Remaining: \$3,732

5. Eagle Bend Parking Lot (PR1923CIP)

i **Brief Project Description:** new parking lot to the south of the existing lot. Currently on busy operational days at the golf course there is not enough parking available in the lot. Overflow parking is forced to road side parking along the lower dam road or grass parking areas if the weather allows. Neither of these options provide a good user experience for the golfing public.

Project Status: Not started

2019 CIP Budget: \$125,000 Golf Course Fund

2019 Expenditures: \$0

Balance Remaining: \$0

Project Update: This project has been deferred until the Golf Course has enough cash reserves.

6. Indoor Aquatic Center Roof (PR1920CIP)

i **Brief Project Description:** Resurface granular coating on the entire roof. Resurfacing increases the life of the roof system.

Project Status: Completed

2019 CIP Budget: \$100,000 General Obligation Debt

2019 Expenditures: \$89,998

Balance Remaining: \$10,002

7. Lawrence Loop (Downtown Section) (PR2121CIP)

i **Brief Project Description:** Complete the downtown section of the Lawrence Loop Trail from Hobbs Park to Burcham Park.

Project Status: In progress

2019 CIP Budget: \$204,808 \$100,000 Capital Improvement Reserve Fund; \$104,808 General Obligation Debt

2019 Expenditures: \$179,836 \$75,028 Capital Improvement Reserve Fund; \$104,808 General Obligation Debt

Balance Remaining: \$24,972 will be appropriated in 2020

Project Update: Routing of the project is being reexamined due to concerns with attaining easements across properties not owned by the City.

8. Oak Hill Cemetery Mausoleum (PR1906CIP)

i **Brief Project Description:** Exterior waterproofing of the historic structure.

Project Status: In progress

2019 CIP Budget: \$120,000 General Obligation Debt

2019 Expenditures: \$99,470

Balance Remaining: \$20,530 (Bond funds do not require annual appropriations)

Project Update: Project to be completed in 2020.

9. Outdoor Aquatic Slide (PR2426CIP)

i **Brief Project Description:** The original design of the pool had two slides coming into the plunge pool. One slide was removed several years ago due to poor condition, and the remaining slide has been repaired many times over the past few years. This proposal would replace both slides.

Project Status: Not started

2019 CIP Budget: \$130,000 Special Equipment Reserve

2019 Expenditures: \$0

Balance Remaining: \$0

Project Update: This project was unfunded to allow added funding for the Arboretum Parking Lot project.

10. Parking Lot Repairs (PR1921CIP)

i **Brief Project Description:** The 2017 Parks and Recreation Master Plan identified a significant number of parking lots and park roads that need repair or resurfacing.

Project Status: In progress

2019 CIP Budget: \$200,000 General Obligation Debt

2019 Expenditures: \$67,561

Balance Remaining: \$132,439 (Bond funds do not require annual appropriations)

Project Update: East Lawrence Recreation Center and Prairie Park Nature Center parking lot maintenance has been completed. Holcom Park Recreation Center south parking lot maintenance is anticipated for completion in Spring 2020. Funds remaining for this project are on the same purchase order as the PW19B3CIP Downtown Parking Lots project.

11. Maintenance and Repairs (PR1901CIP)

i **Brief Project Description:** This money is budgeted annually for various repairs and improvements to all Parks & Recreation facilities and properties.

Project Status: In progress

2019 CIP Budget: \$945,000 \$650,000 General Fund; \$295,000 Special Recreation Fund

2019 Expenditures: \$569,699 \$330,144 General Fund; \$239,555 Special Recreation Fund

Balance remaining: \$375,301 \$319,856 General Fund; \$55,445 Special Recreation Fund

Project Update: These are place holder funds not funds designed for specific projects. Any unspent funds are returned to that specific fund's balance account for future projects.

12. Recreation Center Renovations (PR1907CIP)

i **Brief Project Description:** General painting, restroom renovation, windows, door, flooring and security improvements in Recreation Centers.

Project Status: In progress

2019 CIP Budget: \$87,000 General Obligation Debt

2019 Expenditures: \$54,493

Balance Remaining: \$33,007 (Bond funds do not require annual appropriations)

Project Update: Projects will be completed by summer 2020.

13. Replace Exercise Equipment (PR1919CIP)

i **Brief Project Description:** Due to very high use, by 2019 most of the weights and cardio equipment that was purchased at the Sports Pavilion, when the facility opened, will be coming to the end of its useful life. Equipment at the other recreation facilities will also be evaluated for replacement.

Project Status: Complete

2019 CIP Budget: \$125,000 Special Recreation Fund

2019 Expenditures: \$124,983

Balance Remaining: \$17

POLICE

1. Headquarters (PD1803CIP)

i **Brief Project Description:** The Department utilizes seven different locations across the city and county where the two largest components, Patrol and Investigations, are separated by 10 miles. A new facility, constructed in phases, would ultimately allow the Police Department to be located on one campus style property. Phase 1 of this project would include Patrol, Evidence, Administration, Records, Information Technology, and Crisis Intervention Team. Future phases of the plan would bring Investigations and Training to the campus.

Project Status: In progress

2019 CIP Budget: \$18,840,000 General Obligation Debt

2019 Expenditures: \$16,408,657

Balance Remaining: \$2,431,343 (Bond funds do not require annual appropriations)

Project Update: Certificate of Occupancy expected in December of 2020. Some FF&E expenses may occur in 2021. Expected to complete the project by April 2021.

2. Police Radios (PD1801CIP)

i **Brief Project Description:** Lawrence Police staff are recommending a three-year replacement program of \$450,000 per year, starting in 2018 through 2020, to fund the replacement of all 800 MHz radio subscriber sets affected by the upcoming discontinuation of manufacturer repair support. This is year two of that plan.

Project Status: In progress

2019 CIP Budget: \$450,000 General Obligation Debt

2019 Expenditures: \$0

Balance Remaining: \$0

Project Update: The City decided not to use bond funds for these types of expenditures. They will be budgeted in the Police Department operating budget as needed going forward. Total expenditures are \$977,217 of \$1,350,000 allocated in the 2018-2020 CIP project. (\$899,907 for in combined 2018/2019 funds and \$77,310 from 2020 funds). We do not anticipate any other costs related to the project.

3. Vehicle Replacement (PD1901CIP)

i **Brief Project Description:** Over the past three years the amount of police fleet vehicles that have been replaced on a yearly basis. There have also been strides in replacing the support and administrative vehicles in the department. Staff budgeted to replace 14 vehicles in need of replacement.

Project Status: Complete

2019 CIP Budget: \$360,000 General Fund

2019 Expenditures: \$360,868

Balance Remaining: -\$868

4. Public Cameras Downtown (PD1805CIP)

i **Brief Project Description:** Public Cameras Deter Crime: Cameras can be used as a way to keep an eye out for any crimes that are being committed. The simple sight of the camera, and the thought of getting caught on camera are enough to put some on their best behavior.

Project Status: In Progress

2019 CIP Budget: \$108,000 Special Alcohol Fund

2019 Expenditures: \$0

Balance Remaining: \$108,000 will be requested for additional appropriation in FY 2020

Project Update: In 2020, these funds were used to purchase a firewall for connectivity (\$29,402.39) and camera hardware (\$67,676.00). The firewall was placed into service on 01/26/2020. Camera installation began on 03/02/2020. So far seven cameras have been installed and are operational.

PUBLIC TRANSIT

1. Multi-Modal Facility (TI01)

i **Brief Project Description:** The facility will house a first-floor transit transfer station that will act as the primary hub for the system. Also, on the first floor will be amenities for transit users and drivers. Bicycling and pedestrian amenities will also be available on the lower level. The upper level of the facility will be parking for students and the general public.

Project Status: In progress

2019 CIP Budget: \$4,500,000 Transit Sales Tax Fund

2019 Expenditures: \$0

Balance Remaining: \$4,500,0000

Project Update: A memorandum of understanding with the University of Kansas to enable cooperation and analysis in preparation for the Lawrence Transit Transfer Center development a general site located south of Bob Billings Parkway between Iowa and Crestline streets owned by the State of Kansas. Work originally planned for 2019 will be rolled into 2020.

2. Transit Shelters and Additional Amenities (TI02)

i **Brief Project Description:** Passenger amenities such as shelters, bike rack, benches, leaning seats, signs and passenger info devices.

Project Status: In progress

2019 CIP Budget: \$150,000 Transit Sales Tax Fund

2019 Expenditures: \$116,227.07

Balance Remaining: \$33,472.93

Project Update: Twenty benches were purchased for installation, easements were procured for two sites of future bus amenities, and the one-time capital cost of Double Map and Automated Passenger Counters.

3. Fixed Route Busses (TI03)

i **Brief Project Description:** Heavy-duty fixed route transit buses that are used in the delivery of regularly scheduled service. These buses will be fully accessible under ADA and will be equipped with bicycle racks.

Project Status: In progress

2019 CIP Budget: \$500,000 Transit Sales Tax Fund

2019 Expenditures: \$0

Balance Remaining: \$500,0000

Project Update: The City was able to secure grants for three thirty-foot buses so the sales tax funds that were budgeted was not spent.

MUNICIPAL SERVICES & OPERATIONS - STREETS

1. 19th Street Reconstruction – Harper to O’Connell (PW17E3CIP)

i **Brief Project Description:** Construct right turn lane from 6th St to Tennessee.

Project Status: In progress

2019 CIP Budget: \$250,000 General Obligation Debt

2019 Expenditures: \$176,217

Balance Remaining: \$73,783 (Bond funds do not require annual appropriations)

Project Update: In progress.

2. 6th and Tennessee (PW19E2CIP)

i **Brief Project Description:** Includes reconstruction of 19th & Harper intersection, waterline, sidewalks, bike lanes, pavement reconstruction and storm sewer. KDOT funds awarded to the City Geometric Improvement Program allowed for expanded scope of project to include widening 6th Street between Ohio and Tennessee Streets to accommodate an eastbound right turn lane.

Project Status: Completed

2019 CIP Budget: \$639,059: \$561,133 Intergovernmental State, \$64,000 Capital Improvement Reserve, \$13,926 General Fund

2019 Expenditures: \$571,933: \$533,653 Intergovernmental State, \$38,280 Capital Improvement Reserve

Balance Remaining: \$67,126

3. Annual Vehicle Replacement Program (PW1702CIP)

i **Brief Project Description:** Annual vehicle replacement program managed by the Fleet Manager.

Project Status: Completed

2019 CIP Budget: \$400,000 Capital Improvement Reserve Fund

2019 Expenditures: \$285,645

Balance Remaining: \$114,355

4. CDBG Sidewalk Gap Program (PW17E7CIP)

i **Brief Project Description:** Sidewalk gap improvements in low/mod income areas.

Project Status: In progress

2019 CIP Budget: \$543,035 Federal Grant

2019 Expenditures: \$451,612

Balance Remaining: \$91,423

Project Update: The 2019 Traffic Calming and Sidewalk Gap Project (PW1903) completed design in fall 2019 and construction began in early 2020. The project is to be complete in Spring 2020.

5. Contract Milling for In House Pavement Rehabilitation (PW17SM4CIP)

i **Brief Project Description:** Contract milling for in house street maintenance pavement patching and overlay.

Project Status: Completed

2019 CIP Budget: \$100,000 Capital Improvement Sales Tax Fund

2019 Expenditures: \$100,000

Balance Remaining: \$0

6. Contracted Street Maintenance Program (PW17SM1CIP)

i **Brief Project Description:** Milling, patch, overlay, and concrete maintenance program.

Project Status: In progress

2019 CIP Budget: \$3,019,514: \$1,300,000 Capital Improvement Sales Tax; \$821,000 General Obligation Debt; \$758,514 General Fund; \$140,000 Stormwater Fund

2019 Expenditures: \$3,018,478: \$1,300,000 Capital Improvement Sales Tax; \$821,000 General Obligation Debt; \$757,478 General Fund; \$140,000 Stormwater Fund

Balance remaining: \$1,036 General Fund

Project Update: Work continues with an anticipated completion in Spring 2020.

7. Curb and Gutter Rehabilitation (PW17SM2CIP)

i **Brief Project Description:** Maintenance/ Rehabilitation of Concrete Curbs and Gutters on City Streets.

Project Status: Completed

2019 CIP Budget: \$400,000 Capital Improvement Sales Tax

2019 Expenditures: \$400,000

Balance Remaining: \$0

8. East 9th Street Improvements (PW17E66CIP)

i **Brief Project Description:** Reconstruction of 9th street from New Hampshire to Pennsylvania including street, curb and gutter and stormwater improvement.

Project Status: Completed

2019 CIP Budget: \$2,500,000 General Obligation Debt

2019 Expenditures: \$2,150,185.79

Balance Remaining: \$349,814.21

Project Update: Construction completed in November 2019. Final payout pending.

9. ITS Video Detection/Upgrade and Replacement (PW17SM5CIP)

i **Brief Project Description:** Upgrade current video detection equipment at signalized intersections.

Project Status: Completed

2019 CIP Budget: \$206,000 Special Gasoline Tax

2019 Expenditures: \$196,336

Balance Remaining: \$9,664

10. Kasold Reconstruction – Clinton Parkway to Hy-Vee (PW17SM5CIP)

i **Brief Project Description:** Includes geometric improvements at intersection and reconstruction of pavement, sidewalks, bike facility and storm sewer.

Project Status: In progress

2019 CIP Budget: \$1,000,000 Capital Improvement Sales Tax Fund

2019 Expenditures: \$180,161

Balance Remaining: \$819,839 will be requested for additional appropriation in FY 2020.

Project Update: Construction begins in 2020.

11. Replace Hook Patch Unit (PW22F13CIP)

i **Brief Project Description:** Replace unit 377 with a hook patch unit that would work on PW22F8CIP hook truck for year-round utilization. Reduction of a dedicated truck to hook truck unit in 2022 will allow additional snow coverage with the ability to perform patching with a hook unit when needed.

Project Status: Completed

2019 CIP Budget: \$200,000 Special Gasoline Tax

2019 Expenditures: \$107,236

Balance Remaining: \$92,764

12. Sidewalk/Bike/Pedestrian/ADA Ramps (CI09)

i **Brief Project Description:** Improve bicycle network to increase safety, promote health and provide alternative mode of transportation. Provide Safe Routes to Schools by filling gaps, repairing and maintaining sidewalks. Connect residents to neighborhood destinations by filling gaps in the arterial and collector street network. Invest in facilities that provide safer conditions and access for seniors and people with disabilities.

PW1614 Safe Routes to School Phase 2 *Completed*

PW1720 Safe Routes to School 2018 *Completed*

PW1817 2018 Sidewalk Gaps and Ramps *Completed*

PW1818 Bike Boulevard Design *In progress*

Project Status: In progress

2019 CIP Budget: \$1,100,000 \$600,000 Capital Improvement Sales Tax; \$500,000 General Obligation Debt

2019 Expenditures: \$456,130 \$330,427 Capital Improvement Sales Tax; \$125,703 General Obligation Debt

Balance remaining: \$643,870 \$269,573 Capital Improvement Sales Tax; \$374,297 General Obligation Debt

Project Update: The remaining GO Debt will be used on the construction of the 21st Street bike boulevard in 2020.

13. Sidewalk Hazard Mitigation Assistance (PW19E4CIP)

i **Brief Project Description:** Program includes cost share with income eligible properties, cost share for properties that have sidewalks on more than one side, ADA ramps and City responsible repairs.

Project Status: In progress

2019 CIP Budget: \$800,000 Capital Improvement Reserve

2019 Expenditures: \$6,262

Balance Remaining: \$793,738 will be requested for additional appropriation in FY 2020.

Project Update: Program will continue in 2020.

14. Sidewalk Hazard Mitigation City Property (PW19E5CIP)

i **Brief Project Description:** To manage mitigation program including the cost to repair city owned property.

Project Status: Completed

2019 CIP Budget: \$300,000 Capital Improvement Reserve

2019 Expenditures: \$300,268

Balance Remaining: -\$268

15. Street Sweeper Replacement (PW19F9CIP)

i **Brief Project Description:** Replacement for unit #361 as part of street maintenance and stormwater infrastructure deterioration prevention.

Project Status: Completed

2019 CIP Budget: \$290,000 Stormwater Fund

2019 Expenditures: \$277,700

Balance Remaining: \$12,300

16. Traffic Calming (PW17E8CIP)

i **Brief Project Description:** Improve neighborhoods by decreasing traffic speeds and volume of cut through traffic.

Project Status: In progress

2019 CIP Budget: \$500,000 \$300,000 General Fund; \$200,000 General Obligation Debt

2019 Expenditures: \$114,914 General Fund

Balance remaining: \$385,086 \$185,086 General Fund; \$200,000 General Obligation Debt (Bond funds do not require annual appropriations)

Project Update: The Neighborhood Traffic Management Program is in progress with an education campaign and equipment purchases. The remainder of the program will be put in place in 2020.

17. Traffic Signal Coordination and Timing Study (PW1922CIP)

i **Brief Project Description:** Study to improve traffic signal coordination on main routes to reduce delays and user costs.

Project Status: Completed

2019 CIP Budget: \$250,000 General Fund

2019 Expenditures: \$246,941

Balance Remaining: \$3,059

MUNICIPAL SERVICES & OPERATIONS -AIRPORT

1. Reconstruct Runway 15-33 (PW19A3CIP)

i **Brief Project Description:** The main Runway (15-33) currently has weathering and block cracking throughout. A 2013 sealcoat project extended the life of the surface, but resurfacing will be necessary by 2018. The rehabilitation will include milling off the existing surface and applying an overlay. No reconstruction areas are anticipated but may be needed. Also, new surface markings and striping will be required per FAA design standards on the reconstructed surface. The overlay will add strength and enhanced service longevity to the runway and provide increased utility to heavier business jets using the airport.

Project Status: In progress

2019 CIP Budget: \$2,450,000 \$200,000 Airport Fund; \$2,250,000 Federal Aviation Grant

2019 Expenditures: \$2,500 Airport Fund

Balance remaining: \$2,447,500 \$197,500 Airport Fund; \$2,250,000 Federal Aviation Grant

Project Update: The project is scheduled to be completed in Summer 2020.

MUNICIPAL SERVICES & OPERATIONS -SOLID WASTE

1. 413 Front Load Truck Replacement (PW19F1CIP)

i **Brief Project Description:** Replacement of unit 413 front load refuse truck. Front load refuse trucks provide solid waste removal for the commercial operation of solid waste division.

Project Status: Completed

2019 CIP Budget: \$280,000 Solid Waste Fund

2019 Expenditures: \$166,216

Balance Remaining: \$113,784

2. 499 Small Container Replacement (PW19F2CIP)

i **Brief Project Description:** Replacement of unit 499 small hook truck. Small hook trucks provide small container services to the solid waste division.

Project Status: Completed

2019 CIP Budget: \$110,000 Solid Waste Fund

2019 Expenditures: \$91,472

Balance Remaining: \$18,528

3. 472 Rear Load Refuse Truck Replacement (PW19F3CIP)

i **Brief Project Description:** Replace unit 472 with automated side load refuse truck.

Project Status: Completed

2019 CIP Budget: \$255,000 Solid Waste Fund

2019 Expenditures: \$262,836

Balance Remaining: -\$7,836

4. 473 Rear Load Refuse Truck Replacement (PW19F4CIP)

i **Brief Project Description:** Replace unit 473 with roll off container truck and body.

Project Status: Completed

2019 CIP Budget: \$135,000 Solid Waste Fund

2019 Expenditures: \$126,188

Balance Remaining: \$8,812

5. 431 Rear Load Refuse Truck Replacement (PW19F5CIP)

i **Brief Project Description:** Replace unit 431 with rear load refuse body.

Project Status: Completed

2019 CIP Budget: \$125,000 Solid Waste Fund

2019 Expenditures: \$121,214

Balance Remaining: \$3,786

6. 491 Roll-Off Container Truck Replacement (PW19F6CIP)

i **Brief Project Description:** Replace unit 491 with refuse container hook truck.

Project Status: Completed

2019 CIP Budget: \$110,000 Solid Waste Fund

2019 Expenditures: \$91,472

Balance Remaining: \$18,528

7. Tub Grinder (PW19SW1CIP)

i **Brief Project Description:** Tub grinder replacement.

Project Status: Completed

2019 CIP Budget: \$550,000 Solid Waste Fund

2019 Expenditures: \$476,858

Balance Remaining: \$73,142

8. Smart Truck Technology (PW19SW2CIP)

i **Brief Project Description:** Hardware and Software for Smart Truck Technology includes cameras on trucks, RFID readers, tablets/ computers in trucks for routing.

Project Status: Not started

2019 CIP Budget: \$850,000 Solid Waste Fund

2019 Expenditures: \$0

Balance Remaining: \$850,000 will be requested for additional appropriation in FY 2020.

Project Update: Project will be completed in 2020.

MUNICIPAL SERVICES & OPERATIONS -STORMWATER

1. Storm Water Culvert Lining (PW17S3CIP)

i **Brief Project Description:** Rehabilitate failing storm water culverts by rehabilitation without doing dig and replace. Projects would be completed by in house forces and contract maintenance projects.

Project Status: In progress

2019 CIP Budget: \$200,000 Storm Water Fund

2019 Expenditures: \$36,308

Balance Remaining: \$163,692 will be requested for additional appropriation in FY 2020.

Project Update: In 2020, the project will include pipe replacement and rehabilitation in the program title. The new program name will be Storm Sewer Replacement, Rehabilitation & Lining (MS-20-9800). The original intent of the program was to repair problems found with the storm sewer system during video inspections with the stormwater TV van.

2. Naismith Drainage Improvements (PW18S1CIP)

i **Brief Project Description** Repair or replace concrete drainage channel, inflow drainage pipes, and CMP portion of structure under 23rd St.

Project Status: In Progress

2019 CIP Budget: \$1,050,000 Storm Water Fund

2019 Expenditures: \$1,049,318

Balance Remaining: \$682

Project Update: Construction underway with a final completion expected by the end of April 2020.

PARKING ENFORCEMENT

1. Downtown Parking Lots (PW19B3CIP)

i **Brief Project Description:** Mill, patch, overlay, some curb, and pavement marking reestablishment on downtown city lots no. 5 and no. 14

Project Status: In Progress

2019 CIP Budget: \$100,000 Public Parking Fund

2019 Expenditures: \$100,000

Balance Remaining: \$0

Project Update: Downtown parking lot maintenance for city lots no. 5 and no. 14 are anticipated for completion in Spring 2020. This project is on the same purchase order as the PR1921CIP Parking Lot Repairs project.

2. License Plate Recognition System (TI05)

i **Brief Project Description:** The implementation of a License Plate Recognition (LPR) system for use in our parking enforcement. The foundation of this system includes a data/information control system on which the LPR system operates. The first phase of the project will be an implementation plan which will define the timing of the project. The project will include stationary devices for parking garages, mobile devices on vehicles for lot enforcement and handheld units.

Project Status: In progress

2019 CIP Budget: \$210,000 Public Parking Fund

2019 Expenditures: \$0

Balance Remaining: \$210,000 will be requested for additional appropriation in FY 2020

Project Update: A committee has been formed to evaluate proposals and bring a recommendation to the City Commission before summer 2020.

3. New Hampshire Garage Elevator (PW20B4CIP)

i **Brief Project Description:** This is the rehabilitation of the elevators at the Community Health Building and the New Hampshire parking garage.

Project Status: Completed

2019 CIP Budget: \$210,000 General Obligation Debt

2019 Expenditures: \$108,400

Balance Remaining: \$101,600

4. Parking Garage Repairs (PW19B5CIP)

i **Brief Project Description:** Parking garages require annual ongoing maintenance to extend the life of the structure. They are subject to extreme conditions and wear and tear. Not doing the required maintenance will lead to shorter than expected life of the structures.

Project Status: Not started.

2019 CIP Budget: \$390,000 General Obligation Debt

2019 Expenditures: \$0

Balance Remaining: \$390,000 (Bond funds do not require annual appropriations)

Project Update: Repairs anticipated to being in 2020.

MUNICIPAL SERVICES & OPERATIONS - UTILITIES

1. Collection System Field Operations Building (UT1884CIP)

i **Brief Project Description:** The City Field Operations Facility project includes the design and construction of a new facility to house MSO field staff, equipment, and inventory.

Project Status: In progress

2019 CIP Budget: \$1,180,000 Revenue Bonds

2019 Expenditures: \$596,758

Balance Remaining: \$583,242 (Bond funds do not require annual appropriations)

Project Update: The City issued a Request for Proposals (RFP) in 2019 for preliminary and conceptual design of a new City Field Operations Facility. An extensive selection process resulted in an agreement with the Dake Wells consultant team for conceptual design of a new Field Operations Facility at the City-owned Farmland site. Completion of the conceptual design is expected in fall of 2020.

2. Pump Station No. 8 Elimination 21" Gravity Sewer (UT1892CIP)

i **Brief Project Description:** The Pump Station #8 Elimination - 21" Gravity Sewer project includes the design and construction of removing the lift station and installing relief sewers in Naismith Valley.

Project Status: In progress

2019 CIP Budget: \$4,160,000 Revenue Bonds

2019 Expenditures: \$331,638

Balance Remaining: \$3,828,362 (Bond funds do not require annual appropriations)

Project Update: The City worked with Black & Veatch on design of the Naismith Valley Interceptor and PS No. 8 Abandonment project. As of the end of 2019, the project is at 90% design and is in the easement acquisition process. Bid phase is expected in summer of 2020 with construction starting in fall of 2020.

3. Automated Meter Reading Installation (UT1898CIP)

i **Brief Project Description:** Automated Meter Reading Installation, to include equipment, software and infrastructure improvements.

Project Status: In progress

2019 CIP Budget: \$10,870,000 Revenue Bonds

2019 Expenditures: \$755,700

Balance Remaining: \$10,114,300 (Bond funds do not require annual appropriations)

Project Update: In 2019 the City entered into an agreement with UtiliWorks Consulting, LLC in the amount of \$755,700 for professional services during implementation of the Advanced Metering Infrastructure project UT1898CIP.

The AMI project is a complex and technical project in which Lawrence does not have a great deal of experience. The project timeline anticipates 36 months to completion. UtiliWorks worked with Lawrence from the first AMI study through contract negotiations and review. They provided excellent guidance and service throughout the process. Task 4 of the UtiliWorks contract will provide technical expertise in AMI deployment planning and implementation services. The tasks include planning and implementation of the AMI proof of concept, change management for our business processes, communication planning, management and quality assurance during full deployment, and utilization of the AMI data. It will take about 36 months to complete the project. Task 4 of the UtiliWorks contract is \$755,700.

In 2019, the City Commission approved an agreement with Core & Main LP in the amount of \$8,575,477.19 for implementation of the Advanced Metering Infrastructure project UT1898CIP. That purchased order was approved in February 2020.

The Master Project agreement with Core & Main for the purchase and installation of the metering equipment and AMI system is \$8,575,477.19. The billing agreement with Core & Main for annual software and hardware maintenance is \$51,652.26 for the first year, with an annual increase of 3%. First-year fees, which are not due until Lawrence accepts the AMI proof of concept, are budgeted in the 2020 MSO operations and maintenance budget. The SaaS and Spectrum lease agreement with Sensus has no direct cost to the City, rather the City must remain current with the fees required in the Core & Main billing agreement.

4. Stratford Water Tower Replacement (UT1984CIP)

i **Brief Project Description:** The tower needs replacement to meet applicable safety and American Water Works Association standards and to ensure functional integrity.

Project Status: In progress

2019 CIP Budget: \$650,000: \$400,000 Revenue Bonds; \$250,000 Water/Sewer Fund

2019 Expenditures: \$1,177,244 Revenue Bonds

Balance remaining: -\$527,244 -\$777,244 Revenue Bonds; \$250,000 Water/Sewer Fund

Project Update: Total project budget in 2019 and 2020 CIP is \$3,800,000: \$2,800,000 revenue bonds and \$1,000,000 water/sewer fund. The overages from 2019 will be covered with appropriations in 2020.

5. KAW Water Basin (UT1985CIP)

i **Brief Project Description:** Repair of basin and walkway concrete at various locations throughout the Kaw Water Treatment Plant. Basin structures were constructed in the mid 1950's and are showing signs of deterioration in spalling, delaminating, or cracking concrete.

Project Status: In progress

2019 CIP Budget: \$2,257,681: \$1,927,681 Revenue Bonds, \$330,000 Water/Sewer Fund

2019 Expenditures: \$940,402 Revenue Bonds

Balance Remaining: \$1,317,279 \$987,279 (Bond funds do not require annual appropriations), \$330,000 Water/Sewer Fund will be requested for additional appropriation in 2020.

Project Update: In 2020 this project continues under the new name Kaw and Clinton Mechanical, Electrical and Process Improvements and combines projects and allocates the 2019 funds available from Kaw Lime Slakers (UT1987CIP), Clinton Water Treatment Plant Improvement Program (UT9900CIP) and Kaw Water Treatment Plant Improvement Program (UT9901CIP).

6. KAW Lime Slakers (UT1987CIP)

i **Brief Project Description:** The existing lime system has poor efficiency, requires frequent maintenance, and spare parts are becoming less available.

Project Status: Not started

2019 CIP Budget: \$0 Revenue Bonds

Project Update: The 2019 adopted CIP \$580,000 revenue bond allocation for this project was reallocated to Kaw Water Basin (UT1985CIP).

7. Water Tower Inspections (UT1988CIP)

i **Brief Project Description:** KDHE/AWWA recommends periodic inspection, cleaning, and maintenance of water tower structures.

Project Status: In progress

2019 CIP Budget: \$250,000 Revenue Bonds

2019 Expenditures: \$49,992

Balance Remaining: \$200,008 (Bond funds do not require annual appropriations)

Project Update: The City will issue a Request for Proposals (RFP) in 2020 to contract with a qualified engineering firm to complete an evaluation of the tower protective coatings and structural integrity of the 6th Street and Harper water towers and analysis of required restoration and modifications, operational impacts, and costs of maintaining the existing tanks.

8. Fleet Replacement Program (UT1999F1CIP)

i **Brief Project Description:** Purchase jet truck and replace truck Unit 277.

Project Status: Completed

2019 CIP Budget: \$250,000 Water/Sewer Fund

2019 Expenditures: \$329,384

Balance Remaining: -\$79,384

9. Clinton Water Treatment Plant Improvement Program (UT9900CIP)

i **Brief Project Description:** The Clinton Water Treatment Plant Improvement Program project includes the evaluation and repair of the Clinton Water Treatment Plant structures and appurtenances.

Project Status: In progress

2019 CIP Budget: \$400,000 Revenue Bonds

2019 Expenditures: \$392,319 Revenue Bonds

Balance remaining: \$7,681 Will be allocated to Kaw Water Basin (UT1985) in 2020.

Project Update: The additional \$100,000 revenue bond and \$205,000 water/sewer fund allocations for this project in the 2019 adopted CIP reallocated to Kaw Water Basin (UT1985CIP). In 2020 this project continues under the new name Kaw and Clinton Mechanical, Electrical and Process Improvements and combines projects and allocates the 2019 funds available from Kaw Lime Slakers (UT1987CIP), Clinton Water Treatment Plant Improvement Program (UT9900CIP) and Kaw Water Treatment Plant Improvement Program (UT9901CIP).

10. Kaw Water Treatment Plant Improvement Program (UT9901CIP)

i **Brief Project Description:** The Kaw Water Treatment Plant Improvement Program project includes the evaluation and repair of the KAW Water Treatment Plant structures and appurtenances.

Project Status: In progress

2019 CIP Budget: \$0

Project Update: The \$195,000 revenue bond and \$125,000 water/sewer fund allocations for this project in the 2019 adopted CIP were reallocated to Kaw Water Basin (UT1985CIP).

11. Watermain Replacement/Relocation Program (UT9902CIP)

i **Brief Project Description:** Watermain Replacement/Relocation Program, to include watermain assessment and maintenance activities through contractor arrangements and in-house at to-be-identified locations.

UT1814 – 9th Street (Arkansas St to Avalon Rd) In Progress
UT1815 – Lawrence Avenue (Bob Billings Parkway to 6th St) In Progress
UT1816 – Camelback Dr (Tam O'Shanter Dr to Quail Creek Dr) Completed
UT1817 – Louisiana Street (19th St to 20th St and 21st St to 23rd St) Completed
UT1818 – 14th Street (Massachusetts St to Delaware St) Completed

Project Status: In progress

2019 CIP Budget: \$4,360,000 Revenue Bonds

2019 Expenditures: \$2,999,302

Balance Remaining: \$1,360,698 (Bond funds do not require annual appropriations).

Project Update: Projects listed in progress will be completed in 2020.

12. Sewer Main Relocations for Road Projects (UT9903CIP)

i **Brief Project Description:** The Sewer Main Relocations for Road Project includes the evaluation, design and construction of sanitary sewer relocations due to roadway project construction projects.

Project Status: Completed

2019 CIP Budget: \$250,000 Revenue Bonds

2019 Expenditures: \$238,256

Balance Remaining: \$11,744

13. Pump Station Annual Improvements (UT9905CIP)

i **Brief Project Description:** The Pump Station Annual Improvements project includes the evaluation and repair of wastewater pump station structures and appurtenances.

Project Status: Completed

2019 CIP Budget: \$100,000 Water/Sewer Fund

2019 Expenditures: \$76,762

Balance Remaining: \$23,238

14. Kansas River Waste Water Treatment Plant Annual Improvements (UT9906CIP)

i **Brief Project Description:** The Wastewater Treatment Plant Annual Improvements project includes the evaluation and repair of plant structures and appurtenances at the Kansas River Wastewater Treatment Plant. Program funds allocated to replace the Kansas River Wastewater Treatment Plant Bar Screens (UT1808) when existing equipment failures required replacement of the bar screens which will require compatibility with the future Kansas River Wastewater Treatment Plant Nutrient Removal/Deammonification and Sidestream Project (MS-22-0024).

Project Status: In progress

2019 CIP Budget: \$2,380,000 \$750,000 Revenue Bonds; \$1,630,000 Water/Sewer Fund

2019 Expenditures: \$1,645,633 \$325,086 Revenue Bonds; \$1,320,547 Water/Sewer Fund

Balance remaining: \$734,367 \$424,914 Revenue Bonds; \$309,453 Water/Sewer Fund

Project Update: In progress.

15. Clay Pipe/Manhole Rehabilitation (UT9908CIP)

i **Brief Project Description:** The Clay Pipe/Manhole Rehabilitation project includes the replacement and/or rehabilitation of city owned wastewater infrastructure.

Project Status: Completed

2019 CIP Budget: \$1,230,000 Revenue Bonds

2019 Expenditures: \$1,221,921

Balance Remaining: \$8,079.

16. Rapid I/I Reduction Program (UT9909CIP)

i **Brief Project Description:** Comprehensive find and fix program to reduce the rainwater entering the sanitary sewer system through the public and private sewer system. Work includes CCTV inspection of sanitary sewers, manhole inspections, public sanitary sewer rehabilitation by Cured-in-Place Pipe (CIPP), smoke testing, private property evaluations and repairs.

Project Status: In progress

2019 CIP Budget: \$2,880,000 \$2,730,000 Revenue Bonds; \$150,000 Water/Sewer Fund

2019 Expenditures: \$2,422,585 \$2,256,782 Revenue Bonds; \$165,803 Water/Sewer Fund

Balance remaining: \$457,415 \$473,218 Revenue Bonds; -\$15,803 Water/Sewer Fund

Project Update: In progress.