

City of Lawrence, Kansas
Proposed Capital Improvement Plan
 2020 thru 2024

PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
Airport								
Pavement Maintenance airport	PW19A2CIP	3			100,000	104,000	108,000	312,000
Reconstruct RWY15-33	PW19A3CIP	2	400,000					400,000
Terminal Apron Rehab - Phase 2	PW21A9CIP	2		200,000				200,000
Airport Lighting system	PW22A10CIP	2					75,000	75,000
Airport Total			400,000	200,000	100,000	104,000	183,000	987,000
Capital Improvement Reserve								
7th & Tennessee Pedestrian Crossing	CI2001CIP	2	65,000					65,000
City Hall Reconfiguration	CM1905CIP	2	50,000				1,030,000	1,080,000
Lawrence LoopTrail -Downtown - 11th to 7th street	PR2121CIP	3	350,000					350,000
Annual Vehicle Replacement Program	PW1702CIP	2	400,000	400,000	400,000	400,000	400,000	2,000,000
Sidewalk Hazard Mitigation Public	PW19E4CIP	2	1,200,000	520,000	541,000	562,000	585,000	3,408,000
Sidewalk Mitigation City Property	PW19E5CIP	2	350,000	312,000	324,000	337,000	351,000	1,674,000
Capital Improvement Reserve Total			2,415,000	1,232,000	1,265,000	1,299,000	2,366,000	8,577,000
Capital Improvement Reserve - Infrass								
Sidewalk/Bike/Ped Improvements	CI09CIP	2	500,000	675,000	675,000	675,000	675,000	3,200,000
ADA Ramp Improvements	CI10CIP	2	250,000	325,000	325,000	325,000	325,000	1,550,000
KLINK / CCLIP	PW1701Kcip	2	300,000					300,000
Street Maintenance Program	PW17SM1CIP	1	2,000,000	2,000,000	1,300,000	1,500,000	1,500,000	8,300,000
Curb and Gutter Rehabilitation Program	PW17SM2CIP	3	400,000	450,000	500,000	500,000	500,000	2,350,000
Kasold - Clinton Pkwy to HyVee	PW18E2CIP	1	1,330,000					1,330,000
23rd Street - Haskell Bridge to East City Limits	PW18E3CIP	1	500,000	1,350,000	2,100,000			3,950,000
Wakarusa - Research Pkwy to 23rd Street	PW19E1CIP	1		400,000	1,900,000			2,300,000
27th St Bridge	PW21SM3CIP	3				500,000		500,000
Capital Improvement Reserve - Infrastructure Total			5,280,000	5,200,000	6,800,000	3,500,000	3,000,000	23,780,000
Equipment Reserve								
VMWare Hardware Refresh	IT2001CIP	1	100,000					100,000
Annual Fiber Projects	ITFIBER	1	150,000	150,000	150,000	150,000	150,000	750,000
Vehicle Replacement	PD2001CIP	1	442,000					442,000
Vmware Server & Storage Replacement	PD2003CIP	1		148,000				148,000
Tractor with Boom Mower	PR2084CIP	2		150,000				150,000
Dump Truck with spreader and snow plow	PR2085CIP	2	140,000					140,000
Upgrade Finance Systems	UB201901	1	600,000	300,000	300,000	300,000	300,000	1,800,000
Equipment Reserve Total			1,432,000	748,000	450,000	450,000	450,000	3,530,000

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
Equipment Reserve - Infrastructure								
645 Replacement Rescue 5 (incl equip)	FM1920CIP	1	986,000					986,000
Mobile Radios	FM2009CIP	1			446,160			446,160
646 Replacement Engine 1	FM2230CIP	2					950,000	950,000
Equipment Reserve - Infrastructure Total			986,000		446,160		950,000	2,382,160

Future General Obligation Debt Projects								
City Hall Reconfiguration	CM1905CIP	2				2,043,000		2,043,000
642 Replacement Quint 20	FM2127CIP	1	1,350,000					1,350,000
Playground Replacements	PR2031CIP	2	100,000	100,000				200,000
Sports Complex and Golf Irrigation Upgrades	PR2141CIP	2		350,000				350,000
19th Street Reconstruction - Harper to O'Connell	PW17E3CIP	2		1,450,000				1,450,000
Community Health parking surface reconditioning	PW18B2CIP	2	200,000					200,000
ITC Exterior repairs and HVAC	PW19B4CIP	1	500,000					500,000
Parking Garage repairs	PW19B5CIP	1	390,000	390,000	390,000	390,000	390,000	1,950,000
Wakarusa - Research Pkwy to 23rd Street	PW19E1CIP	1			3,200,000			3,200,000
Elevator Rehab Comm Health	PW20B5CIP	2	112,500					112,500
Traffic Signal Maintenance and Improvements	PW20E2CIP	1	500,000	520,000	541,000	562,000	585,000	2,708,000
Future General Obligation Debt Projects Total			3,152,500	2,810,000	4,131,000	2,995,000	975,000	14,063,500

General Fund								
Affordable Housing General Fund Transfer	C105	2	350,000	350,000	350,000			1,050,000
Portable Radios	FM2010CIP	1		669,240				669,240
Police Radios	PD1801CIP	1	450,000					450,000
Lyons Park Shelter Replacement	PR2006CIP	2			120,000			120,000
Parking Lots and Roads - Parks & Rec	PR2026CIP	1	150,000	150,000	150,000	150,000	150,000	750,000
Playground Replacements	PR2031CIP	2			100,000	100,000	100,000	300,000
Youth Sports Complex - ADA sidewalks	PR2135CIP	2		120,000				120,000
Overland Drive Park Development	PR2220CIP	2		200,000				200,000
Sports Pavilion- Install Acoustical Panels in Gyms	PR2230CIP	2			200,000			200,000
Equipment Replacement- Aerial Lift Truck	PR2322CIP	1				180,000		180,000
Cemetery Maintenance Shop - Replacement	PR2333CIP	2				350,000		350,000
Sports Pavilion Lawrence - Turf Replacement	PR2402CIP	2					700,000	700,000
Clinton Lake Regional Park - 27th street	PR2407CIP	2					400,000	400,000
HVAC Unit Replacement - Parks & Rec Facilities	PR2411CIP	2					200,000	200,000
Clinton Lake Softball Complex Improvements	PR2425CIP	2					250,000	250,000
Outdoor Aquatic Center - Pool Slide Replacements	PR2426CIP	3				130,000		130,000
Neighborhood Traffic Management Program	PW17E8CIP	4	250,000	250,000	250,000	250,000	250,000	1,250,000
Street Maintenance Program	PW17SM1CIP	1	2,000,000	2,000,000	2,300,000	2,300,000	2,600,000	11,200,000
General Fund Total			3,200,000	3,739,240	3,470,000	3,460,000	4,650,000	18,519,240

Guest Tax Fund								
Downtown Paver Replacement (year 4 of 4)	PR2030CIP	3	125,000					125,000
Portable Stage For Summer Concerts	PR2409CIP	4		125,000				125,000
Guest Tax Fund Total			125,000	125,000				250,000

Intergovernmental County

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
Training Burn Tower Replacement	FM1703CIP	1	307,680					307,680
Mobile Radios	FM2009CIP	1			153,840			153,840
Portable Radios	FM2010CIP	1		230,760				230,760
19th Street Reconstruction - Harper to O'Connell	PW17E3CIP	2		750,000				750,000
Community Health parking surface reconditioning	PW18B2CIP	2	200,000					200,000
Fire Medical pavement replacement	PW19B7CIP	1	769,200					769,200
Elevator Rehab Comm Health	PW20B5CIP	2	112,500					112,500
Intergovernmental County Total			1,389,380	980,760	153,840			2,523,980
Intergovernmental Federal Grant								
CDBG Infrastructure Improvements	PW17E7CIP	2	300,000	300,000	300,000	300,000	300,000	1,500,000
Reconstruct RWY15-33	PW19A3CIP	2	3,600,000					3,600,000
Terminal Apron Rehab - Phase 2	PW21A9CIP	2			1,300,000			1,300,000
Airport Lighting system	PW22A10CIP	2					750,000	750,000
Intergovernmental Federal Grant Total			3,900,000	300,000	1,600,000	300,000	1,050,000	7,150,000
Intergovernmental State Grant								
Lawrence LoopTrail -Downtown - 11th to 7th street	PR2121CIP	3	480,000					480,000
KLINK / CCLIP	PW1701Kcip	2	300,000					300,000
Kasold - Clinton Pkwy to HyVee	PW18E2CIP	1	900,000					900,000
23rd Street - Haskell Bridge to East City Limits	PW18E3CIP	1		2,900,000	2,900,000			5,800,000
Wakarusa - Research Pkwy to 23rd Street	PW19E1CIP	1				900,000		900,000
Intergovernmental State Grant Total			1,680,000	2,900,000	2,900,000	900,000		8,380,000
Public Transit Fund								
Multi Modal Facility	T101	1	3,500,000					3,500,000
Transit Shelters and Additional Amenities	T102	2	150,000	150,000	150,000	50,000	50,000	550,000
Fixed Route Transit Buses	T103	1	500,000	500,000	500,000			1,500,000
Public Transit Fund Total			4,150,000	650,000	650,000	50,000	50,000	5,550,000
Solid Waste - Construction								
PW/ Utilities/ P&R operations center	PW18B7CIP	3		4,500,000				4,500,000
Solid Waste - Construction Total				4,500,000				4,500,000
Solid Waste Operations Fund								
Alley and Downtown Parking lot Rehabilitation	PW19E6CIP	2	125,000	125,000	125,000	125,000	125,000	625,000
447 Roll off container truck replacement	PW20F1CIP	3		170,000				170,000
414 Front load refuse truck replacement	PW20F2CIP	3	240,000					240,000
437 Automated side load refuse truck	PW20F3CIP	3	270,000					270,000
436 Automated side load refuse truck	PW20F4CIP	3		281,000				281,000
432 Rear load refuse truck replacement	PW20F5CIP	3	170,000					170,000
449 Automated side load refuse truck	PW21F1CIP	3		281,000				281,000
452 Automated side load refuse truck	PW21F2CIP	3	270,000					270,000
445 Roll off container truck replacement	PW21F3CIP	3	170,000					170,000
444 Roll off container truck replacement	PW21F4CIP	3		170,000				170,000
486 Rubber tire loader replacement	PW21F5CIP	4					185,000	185,000
415 Front load refuse truck replacement	PW21F6CIP	3		265,000				265,000
448 ASL Replacement	PW22F1CIP	3			292,000			292,000

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
477 Hook Lift Replacement	PW22F2CIP	3			115,000			115,000
438 Hook Lift Replacement	PW22F3CIP	3			115,000			115,000
430 Rear load replacement	PW22F4CIP	3				155,000		155,000
434 Rear load replacement	PW22F5CIP	3			155,000			155,000
435 Rear load replacement	PW22F6CIP	3			155,000			155,000
470 Container maintenance truck replacement	PW22F7CIP	3			100,000			100,000
479 Roll off container truck replacement	PW22F9CIP	2			130,000			130,000
433 Rear load replacement	PW23F1CIP	2				155,000		155,000
416 Front load refuse truck replacement	PW23F2CIP	2				270,000		270,000
457 Automated refuse truck replacement	PW23F3CIP	2				292,000		292,000
476 Small rear load replacement	PW23F4CIP	3				140,000		140,000
431 Rear load replacement	PW23F5CIP	3				155,000		155,000
419 Front load replacement	PW24F1CIP	3					270,000	270,000
418 Front load replacement	PW24F2CIP	3					270,000	270,000
495 Grapple truck replacement	PW24F3CIP	3					140,000	140,000
478 small rear load replacement	PW24F4CIP	3					140,000	140,000
Solid Waste Operations Fund Total			1,245,000	1,292,000	1,187,000	1,292,000	1,130,000	6,146,000

Special Gas Tax Fund

ITS Video Detection/ upgrade and replacement	PW17SM5CIP	2	209,000	209,000	209,000	209,000	209,000	1,045,000
Backhoe Lease program	PW18F6CIP	3		70,000			70,000	140,000
Asphalt Paving Equipment Replacement	PW19F8CIP	3			250,000			250,000
765 Single axle dump truck replacement	PW21F7CIP	3	175,000					175,000
307 Road tractor replacement	PW22F12CIP	2		115,000				115,000
322 Single axle dump truck replacement	PW23F8CIP	4				165,000		165,000
356 Dump truck replacement	PW24F5CIP	3					175,000	175,000
Special Gas Tax Fund Total			384,000	394,000	459,000	374,000	454,000	2,065,000

Stormwater Bond

PW/ Utilities/ P&R operations center	PW18B7CIP	3		3,900,000			4,400,000	8,300,000
17th and Alabama Drainage Improvement	PW19S1CIP	1	2,500,000					2,500,000
Stormwater Cap Improvement Construction Program	PW20S3CIP	3		500,000			2,000,000	2,500,000
19th St Maple Ln to Brook	PW21S1CIP	2			2,000,000			2,000,000
9th & Mississippi	PW23S1CIP	3			300,000	6,000,000		6,300,000
Stormwater Bond Total			2,500,000	4,400,000	2,300,000	6,000,000	6,400,000	21,600,000

Stormwater Fund

Storm Sewer Replacement, Rehabilitation & Lining	PW17S3CIP	1	500,000	720,000	2,541,000	562,000	585,000	4,908,000
Street Maintenance Program	PW17SM1CIP	1	140,000	140,000	140,000	140,000	140,000	700,000
Backhoe Lease program	PW18F6CIP	3		140,000			148,000	288,000
362 Street sweeper replacement	PW20F6CIP	3	285,000					285,000
Concrete Channel W of Arrowhead Princeton to Peter	PW20S1CIP	3		1,500,000				1,500,000
Stormwater In House Construction	PW20S2CIP	3	500,000	520,000	541,000	563,000	585,000	2,709,000
395 Street flush tank truck replacement	PW22F11CIP	3				150,000		150,000
760 Mobile crane truck replacement	PW23F9CIP	4			300,000			300,000
357 Dump truck replacement	PW24F6CIP	3					175,000	175,000
Stormwater Fund Total			1,425,000	3,020,000	3,522,000	1,415,000	1,633,000	11,015,000

Utility - Bond Wastewater

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
PW/ Utilities/ P&R operations center	PW18B7CIP	3	1,990,000	1,120,000				3,110,000
Pump Station 9 Expansion to 15 MGD	UT2184CIP	1	500,000	2,780,000				3,280,000
Pump Station 16 Upstream Interceptor Rehab	UT2185CIP	1		1,320,000				1,320,000
PS9 Forcemain to PS10	UT2188CIP	2	500,000	5,830,000				6,330,000
Lower Yankee Tank Capacity	UT2285CIP	2			8,650,000			8,650,000
Kansas River WWTP Side Stream - Belt Press Ammonia	UT2293CIP	1			1,320,000	3,430,000	3,560,000	8,310,000
KS River Nutrient Removal/Deammo & Sidestream	UT2294CIP	1		1,000,000	6,580,000	14,720,000	15,310,000	37,610,000
Sewer Main Relocations for Road Projects	UT9903CIP	1	420,000	70,000				490,000
WW Failed Infrastructure Contingency	UT9904CIP	1	250,000					250,000
Sewer Pipe/Manhole Rehabilitation	UT9908CIP	1	1,220,000	1,150,000				2,370,000
Rapid I/I Reduction Program	UT9909CIP	1	2,910,000	2,020,000	590,000	1,860,000	140,000	7,520,000
Utility - Bond Wastewater Total			7,790,000	15,290,000	17,140,000	20,010,000	19,010,000	79,240,000

Utility - Bond Water

PW/ Utilities/ P&R operations center	PW18B7CIP	3	1,990,000	1,120,000				3,110,000
Kasold - Clinton Pkwy to HyVee	PW18E2CIP	1	200,000					200,000
Automated Meter Reading Installation	UT1898CIP	1	2,100,000					2,100,000
Stratford Tower Replacement	UT1984CIP	1	2,930,000					2,930,000
Kaw Water TP Basin Infrastructure Rehab	UT1985CIP	1	920,000					920,000
Kaw Lime Slakers Replacement	UT1987CIP	2	3,420,000					3,420,000
Clinton WTP Plant Piping	UT2094CIP	1	550,000	3,230,000				3,780,000
Clinton Storage Tanks Maintenance/ Coatings	UT2187CIP	1		2,040,000				2,040,000
23rd St. Haskell - E City Limits Watermain Rplcmnt	UT2196CIP	1		1,710,000				1,710,000
2022 Kaw WTP Infrastructure Rehab	UT2286CIP	1			1,710,000			1,710,000
Wakarusa - Research Parkway to 23rd	UT2299CIP	1			1,000,000			1,000,000
19th & Kasold Tower Maintenance/Coatings	UT2499CIP	1					1,430,000	1,430,000
Clinton WTP Improvement Program	UT9900CIP	1	55,000	200,000				255,000
Kaw WTP Improvement Program	UT9901CIP	1	55,000	200,000				255,000
Watermain Replacement/Relocation Program	UT9902CIP	1	2,990,000	1,890,000	3,900,000	3,430,000	2,030,000	14,240,000
Utility - Bond Water Total			15,210,000	10,390,000	6,610,000	3,430,000	3,460,000	39,100,000

Utility - Wastewater

Kansas River WWTP Nutrient Removal Pilot	UT2083CIP	1	610,000					610,000
Sewer Main Relocations for Road Projects	UT9903CIP	1		370,000	450,000	470,000	490,000	1,780,000
WW Failed Infrastructure Contingency	UT9904CIP	1	170,000	440,000	450,000	470,000	490,000	2,020,000
Pump Station Annual Improvements	UT9905CIP	1	150,000	160,000	160,000	170,000	180,000	820,000
Kansas River WWTP Annual Improvements	UT9906CIP	1	420,000					420,000
WWTP Annual Improvements (2 PLANTS)	UT9907CIP	1		870,000	900,000	940,000	970,000	3,680,000
Sewer Pipe/Manhole Rehabilitation	UT9908CIP	1			1,320,000	1,370,000	1,430,000	4,120,000
Rapid I/I Reduction Program	UT9909CIP	1	150,000	1,160,000	2,720,000	1,580,000	3,440,000	9,050,000
Utility - Wastewater Total			1,500,000	3,000,000	6,000,000	5,000,000	7,000,000	22,500,000

Utility - Water

19th Street Reconstruction - Harper to O'Connell	PW17E3CIP	2	1,100,000					1,100,000
Stratford Tower Replacement	UT1984CIP	1	500,000					500,000
Eagle Bend and YSC Irrigation Water Supply Project	UT2081CIP	3	1,250,000					1,250,000
Clinton Storage Tanks Maintenance/ Coatings	UT2187CIP	1		500,000				500,000
2022 Kaw WTP Infrastructure Rehab	UT2286CIP	1			3,560,000			3,560,000
Harper Tower Maintenance/Coatings	UT2399CIP	1				1,370,000		1,370,000
Clinton WTP Improvement Program	UT9900CIP	1	375,000	250,000	470,000	480,000	1,365,000	2,940,000
Kaw WTP Improvement Program	UT9901CIP	1	375,000	250,000	470,000	480,000	1,365,000	2,940,000

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
Watermain Replacement/Relocation Program	<i>UT9902CIP</i>	1				1,670,000	3,270,000	<i>4,940,000</i>
Utility - Water Total			3,600,000	1,000,000	4,500,000	4,000,000	6,000,000	<i>19,100,000</i>
GRAND TOTAL			61,763,880	62,171,000	63,684,000	54,579,000	58,761,000	<i>300,958,880</i>